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Control Series—Published Quarterly July Issue, 1931—No. 140

Commercial Fertilizers, Commercial Feeds

AND

Agricultural Liming Material

This publication contains a report of all official samples of fertilizer, feed and lime examined by this Department from January 1, 1931, to May 1, 1931. It should be consulted frequently by prospective buyers and used as a guide in purchasing commodities of this nature.

STATE INSPECTION SERVICE

COLLEGE PARK, MD.

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GENERAL INTRODUCTION

This publication contains the results of our official examination of samples of fertilizer, feed and lime taken by State inspectors from January 1, to May 1, 1931. It represents an earnest effort on the part of this organization to render to residents of Maryland early information covering these commodities. It has been our policy in the past to report the products of each industry as a separate bulletin. While this scheme had certain advantages, it very often necessitated the holding of part of the reports for six months to a year in order to complete work on all samples. Under our proposed policy the reports of all fertilizers, feeds and limes examined will be reported under one cover at three months intervals during the year. It is our opinion that this will be a distinct improvement over past methods of disseminating these data and will render to users of these products information at a time when it will be of most value to them, and when the materials they have purchased are still on the market.

Included in this report are the results of chemical and microscopical examinations upon 996 samples of feeds to ascertain if manufacturers' guarantees and declaration of ingredients were sustained.

In addition, there is also given other pertinent information regarding violations for improper tagging, non-registration, etc.

The first part of this publication, or from pages 8 to 32, contains the analysis of 745 samples of fertilizers taken by our inspectors from shipments going forward to Maryland users.

One hundred and two samples of limes were drawn from dealers' stocks and warehouses throughout the State. Results of these examinations are included in this bulletin and have also been reported to the respective manufacturers, dealers and, whenever possible, to the buyers.

In addition to the analysis of the official samples included in this report, 223 samples drawn and forwarded to this department by purchasers have been examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product, this organization can only vouch for the accuracy of the results obtained on the material submitted.

Fertilizer Control Activities

Fertilizer reports included in this publication covering samples secured by our inspectors during the early part of this

year reveal very few major deficiencies. This is especially true regarding those samples carrying a high percentage of ammonia. Approximately 9 per cent. of the samples secured, however, were not licensed at the time of sale. This failure on the part of members of the industry to register their products before sale is consummated constitutes the most flagrant violation encountered.

The New Fertilizer Law

The 1931 session of the Maryland Legislature enacted a new fertilizer law which becomes effective January 1, 1932. In order to promote national and international uniformity in the fertilizer industry, most states have adopted uniform methods in stating plant food and the order in which it shall appear upon the package; namely, nitrogen, available phosphoric acid and potash. The Maryland Legislature made this change obligatory in our law.

The use of the term nitrogen, rather than ammonia, has been adopted by 27 states throughout the Union, while 14 more permit its use. Only two states now require the use of the term ammonia and prohibit the term nitrogen. Cooperation on the part of fertilizer dealers and users in accepting this change is requested in order that confusion may not develop. Ammonia may be converted to nitrogen by multiplying by the factor .8225.

Section 13 of the law becoming effective January 1, 1931, makes it possible for the Fertilizer Inspection Service to establish rules and regulations in regard to the inspection, analysis and sale of fertilizers, to the end that the provisions of this act may be effectively administered and enforced. Operating under this authorization, the following regulations have been prepared. They are herewith presented to the readers of this bulletin.

REGULATIONS SUPPLEMENTING STATE FERTILIZER LAW IN EFFECT JANUARY 1, 1932

Registrations

Each brand of fertilizer is required to be registered for each calendar year or portion thereof. Applications should be submitted on or before January 1, of each year, or subsequently before sales are made, on forms furnished by this department. These forms shall have outlined thereon the name of the product, name and address of manufacturer and the guaranteed analysis thereof, stating the minimum per cent. of total nitrogen, available phosphoric acid and water soluble potash, together with the sources of phosphoric acid and water soluble potash; provided, however, the ingredients from which the nitrogen is obtained need not be given—but the nitrogen guaranty may be divided into two classes; namely, mineral and organic; and the percentage of nitrogen derived from each of these classes need only be stated; provided, further, that there shall be allowed a variation of one-fourth of 1 per cent. for goods containing 2 per cent. of nitrogen or under, and a variation of one-third of 1 per cent. for goods containing from 2 to 3 per cent. of nitrogen and a variation of one-half of 1 per cent. for goods containing over 3 per cent. of nitrogen.

Forms For Labeling

A. Every bag or package of fertilizer must show plainly on the outside of same, and every parcel or lot sold in bulk (except for manufacturing purposes) must be accompanied by the following information.

Net Weight in Pounds
Brand Name or Trade Mark
Grade (as 2-10-2), Namely 2% Nitrogen,
10% Phosphoric Acid and 2% Potash
Guaranteed Analysis in Percentages
Total Nitrogen
Available Phosphoric Acid (P_2O_5)
Water Soluble Potash (K_2O)
Name and Address of Manufacturer

B. The above represents minimum requirements. Nothing in this regulation shall be construed as prohibiting the presentation of information in addition to that set down therein as obligatory, provided such information accurately describes the product.

C. In the case of unacidulated bone, tankage, fish or other animal or vegetable material used as fertilizer, it shall be lawful to guarantee the phosphoric acid as total phosphoric acid.

D. When the name of the material is used as a part of the brand name of a mixed fertilizer, as, for example, blood, bone or fish, the nitrogen or phosphoric acid shall be derived from or supplied entirely by the material named. When the name of a material is used as a brand or as part of a brand and the nitrogen and phosphoric acid is supplied only in part by the material named, the word "brand" shall follow the name of the material. Example: "Fish Brand Fertilizer."

E. No appplications for registration of mixed fertilizers will be accepted except those that are guaranteed to contain minimum percentages of nitrogen, available phosphoric acid, and water soluble potash, stated as **whole numbers** in the above order, and any numerals used on the bag or package or on any tag or label attached thereto to designate the analysis of any mixed fertilizer being sold or offered for sale must be stated in whole numbers.

Preliminary Hearings

Section 11 of the fertilizer law provides that if it appears any of the provisions of the act have been violated, the person or persons apparently responsible for such infractions shall be given an opportunity to offer any statement or evidence which would show cause why the matter should not be referred to the proper prosecuting attorney.

A. Nature of Hearings

In the event such hearings are necessary, they will be held in the office of the State Law Department in Baltimore. Written notice indicating the time and place will be rendered five days in advance. Hearings will be informal; while a personal appearance will not be mandatory, in most cases it is usually advantageous. Representation by attorney will be permissible.

B. Results of Hearings

If after hearings have been held and consideration given to all the facts, it is the opinion of enforcement officials that prosecution is not warranted, no further action will be taken. If in the opinion of enforcement officials prosecution is warranted the necessary legal procedure will then be initiated.

Tolerances

It is the policy of this department to require that guarantees as established by manufacturers shall always be main-

tained and the adoption of a definite tolerance is in effect a lowering of all such guarantees. As a matter of practical procedure, however, it is realized that slight allowances must be made for errors occurring in mixing, sampling and chemical examinations. The question of substantial deficiencies will be decided upon the facts of each case with special reference to evidence of any deliberate attempt to meet the tolerance allowed rather than the guarantee.

A. Refund in Case of Deficiency

While the fertilizer law contains no modification which makes it obligatory upon members of the fertilizer industry to repay consumers for financial losses they have sustained due to fertilizer deficiencies, this department is occasionally requested to compute such losses. In computing such refunds, an overage in one constituent will not be construed as compensating for deficiencies in others. Members of the fertilizer industry frequently claim that a deficiency in one ingredient is compensated in value by an excess of another ingredient. In conformity with guaranty, however, the particular plant food guaranteed and purchased shall be delivered rather than an equal money value of another plant food.

Mixed to Order Sales

Section 14 of the fertilizer law provides in substance that the registration fee shall not apply to any fertilizer mixed according to a formula furnished by a consumer. Sacks must be plainly branded "Mixed to Order" and in all other respects carry same information that is required to be shown on regular mixtures.

For each sale made under the "Mixed to Order" designation manufacturers will be required to hold in their files an order, signed by the consumer, on which is shown the complete formula of the goods. This order must be held until the annual tonnage report, for the year in which sale is made, has been accepted by this department.

Interpretation of "Brand"

For the purposes of this law, each commercial fertilizer or fertilizer material shall be considered as distinct and separate brands, when differing either in guaranteed analysis, name, brand or trade mark, or in any other method of marking.

TABLES

A detailed report of the results obtained in the inspection and analysis of fertilizers from January 1, 1931, to May 1, 1931, are contained in pages 8 to 31 inclusive.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Acme Guano Company, Baltimore, Md.											
Ideal Fertilizer	Baltimore	**2.20**	2.00	**.60**	....	**9.40**	8.00	**5.24**	5.00	**$20.60**	$18.40
Willoughby's Mixture	Baltimore	**4.27**	4.00	**.70**	....	**8.70**	8.00	**7.00**	7.00	**29.75**	28.00
American Agricultural Chemical Co., New York, N. Y.											
A. A. Superphosphate	Baltimore	....	....	**1.60**	....	**16.70**	16.00	....	....	**13.60**	12.80
A. A. Superphosphate	Baltimore	....	....	**1.85**	....	**16.95**	16.00	....	....	**13.84**	12.80
A. A. Superphosphate	Salisbury	....	....	**1.20**	....	**16.40**	16.00	....	....	**13.30**	12.80
A. A. Superphosphate	Baltimore	....	....	**1.20**	....	**16.80**	16.00	....	....	**13.62**	12.80
A. A. Basic Lime Phosphate	Baltimore	....	....	**2.25**	....	**13.05**	13.00	....	....	**10.78**	10.40
A. A. Basic Lime Phosphate	Baltimore	....	....	**2.05**	....	**13.45**	13.00	....	....	**11.07**	10.40
A. A. Acme Fertilizer	Baltimore	**1.13**	1.00	**1.25**	....	**9.25**	9.00	**4.24**	4.00	**16.63**	14.40
A. A. Acme Fertilizer	Baltimore	**1.02**	1.00	**1.30**	....	**9.40**	9.00	**4.04**	4.00	**15.03**	14.40
A. A. Acme Fertilizer	Baltimore	**.99**	1.00	**1.25**	....	**9.35**	9.00	**4.24**	4.00	**15.02**	14.40
A. A. Acme Fertilizer	Baltimore	**1.62**	1.00	**1.15**	....	**9.25**	9.00	**4.26**	4.00	**17.46**	14.40
A. A. Acme Fertilizer	Baltimore	**1.14**	1.00	**1.15**	....	**9.05**	9.00	**4.40**	4.00	**15.49**	14.40
Agrico for Corn	Baltimore	**3.09**	3.00	**1.35**	....	**10.35**	10.00	**6.00**	6.00	**25.64**	24.80
Agrico for Corn	Annapolis	**2.92**	3.00	**1.40**	....	**10.10**	10.00	**6.32**	6.00	**25.03**	24.80
Agrico for Grain	Baltimore	**2.05**	2.00	**1.15**	....	**12.55**	12.00	**4.20**	4.00	**21.77**	20.80
Agrico for Sweet Potatoes	Baltimore	**3.11**	3.00	**1.10**	....	**7.90**	8.00	**10.40**	10.00	**27.25**	26.40
Agrico for Potatoes	Annapolis	**4.01**	4.00	**1.00**	....	**8.00**	8.00	**6.28**	6.00	**27.61**	27.20
Agrico for Potatoes	Providence	**4.10**	4.00	**.65**	....	**8.45**	8.00	**6.36**	6.00	**28.35**	27.20
Agrico for Potatoes	Salisbury	**3.86**	4.00	**.65**	....	**8.05**	8.00	**6.00**	6.00	**26.78**	27.20
Agrico for Tobacco	Baltimore	**5.00**	5.00	**.60**	....	**6.20**	6.00	**10.30**	10.00	**33.29**	32.80
Agrico for Truck	Annapolis	**5.14**	5.00	**1.50**	....	**10.10**	10.00	**5.32**	5.00	**33.13**	32.00
Agrico for Truck	Baltimore	**5.00**	5.00	**1.10**	....	**10.10**	10.00	**5.26**	5.00	**32.46**	32.00
A. A. Champion Sweet Potato Fertilizer	Salisbury	**4.16**	4.00	**1.15**	....	**7.85**	8.00	**10.30**	10.00	**31.33**	30.40
A. A. Climax Fertilizer	Baltimore	**3.12**	3.00	**1.55**	....	**10.05**	10.00	**6.40**	6.00	**25.87**	24.80
A. A. Early Truck Fertilizer	Baltimore	**4.86**	5.00	**1.00**	....	**9.20**	8.00	**5.38**	5.00	**31.25**	30.40
A. A. Early Truck Fertilizer	Pocomoke City	**5.07**	5.00	**.80**	....	**7.70**	8.00	**5.16**	5.00	**31.21**	30.40
A. A. Early Truck Fertilizer	Upper Marlboro	**5.19**	5.00	**1.30**	....	**8.00**	8.00	**5.20**	5.00	**31.52**	30.40
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	**3.99**	4.00	**1.70**	....	**8.10**	8.00	**7.24**	7.00	**28.49**	28.00
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	**4.16**	4.00	**1.90**	....	**7.70**	8.00	**7.55**	7.00	**29.13**	28.00
Kainit	Baltimore	....	....	....	....	....	....	**15.18**	14.00		

A. A. Early Truck Fertilizer	Pocomoke City	5.07	5.00	.80	....	7.90	8.00	7.00	7.00	29.97	30.40
A. A. Early Truck Fertilizer	Upper Marlboro	5.19	5.00	1.30	....	8.00	8.00	5.20	5.00	31.52	30.40
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	3.99	4.00	1.70	....	8.10	8.00	7.24	7.00	28.49	28.00
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	4.16	4.00	1.90	....	7.70	8.00	7.55	7.00	29.13	28.00
Kainit	Baltimore	....	....	....	....	....	....	15.18	14.00	....	....
Kainit	Salisbury	....	....	....	....	....	....	15.00	14.00	....	....
A. A. Kangaroo Komplete Kompound	Baltimore	2.20	2.00	1.35	....	9.65	9.00	3.50	3.00	19.52	17.60
A. A. Kangaroo Komplete Kompound	Baltimore	2.13	2.00	1.55	....	9.25	9.00	3.40	3.00	18.87	17.60
A. A. Monarch Fertilizer	Baltimore	4.10	4.00	1.35	....	8.05	8.00	4.34	4.00	26.51	25.60
A. A. Monarch Fertilizer	Upper Marlboro	4.13	4.00	1.55	....	8.05	8.00	4.16	4.00	26.52	25.60
A. A. Neptune Fish Fertilizer	Hancock	1.09	1.00	1.15	....	9.65	9.00	4.00	4.00	15.45	14.40
A. A. Old Hickory Fertilizer	Baltimore	2.15	2.00	1.55	....	8.55	8.00	10.10	10.00	23.75	22.40
A. A. Old Hickory Fertilizer	Baltimore	2.12	2.00	1.55	....	8.05	8.00	10.40	10.00	23.47	22.40
A. A. Old Hickory Fertilizer	Hancock	2.06	2.00	1.65	....	8.25	8.00	10.36	10.00	23.38	22.40
A. A. Old Hickory Fertilizer	Baltimore	2.05	2.00	1.65	....	7.75	8.00	10.40	10.00	22.97	22.40
A. A. Prince George Tobacco Fertilizer	Baltimore	4.13	4.00	1.45	....	8.05	8.00	12.20	12.00	32.94	32.00
A. A. Red Dog Fertilizer	Baltimore	2.05	2.00	1.40	....	8.10	8.00	5.30	5.00	19.13	18.40
A. A. Red Dog Fertilizer	Baltimore	2.10	2.00	1.40	....	8.20	8.00	5.16	5.00	19.30	18.40
A. A. Red Dog Fertilizer	Baltimore	2.15	2.00	.60	....	8.70	8.00	5.08	5.00	19.71	18.40
A. A. Red Dog Fertilizer	Baltimore	2.05	2.00	1.40	....	8.10	8.00	5.00	5.00	18.89	18.40
A. A. Red Dog Fertilizer	Salisbury	2.22	2.00	1.20	....	8.00	8.00	5.16	5.00	19.59	18.40
A. A. Red Dog Fertilizer	Upper Marlboro	2.01	2.00	1.45	....	8.25	8.00	5.40	5.00	19.18	18.40
A. A. Red Leaf Tobacco Fertilizer	Baltimore	4.20	4.00	1.55	....	8.15	8.00	10.30	10.00	31.79	30.40
A. A. Red Leaf Tobacco Fertilizer	Baltimore	4.11	4.00	1.50	....	8.00	8.00	10.28	10.00	31.29	30.40
A. A. Red Leaf Tobacco Fertilizer	Baltimore	4.01	4.00	1.55	....	8.05	8.00	10.80	10.00	31.35	30.40
A. A. Silk Leaf Tobacco Fertilizer	Baltimore	2.20	2.00	1.65	....	8.15	8.00	10.38	10.00	23.87	22.40
A. A. Silk Leaf Tobacco Fertilizer	Baltimore	2.22	2.00	1.80	....	7.30	8.00	10.40	10.00	23.31	22.40
A. A. Sweepstakes Tobacco Fertilizer	Baltimore	3.07	3.00	2.15	....	7.85	8.00	3.32	3.00	21.54	20.80
A. A. 10% Plant Bed Fertilizer	Baltimore	10.16	10.00	.45	....	5.25	5.00	....	....	44.91	44.00
A. A. 10% Plant Bed Fertilizer	Baltimore	10.17	10.00	.30	....	5.70	5.00	....	....	45.29	44.00
A. A. 10% Plant Bed Fertilizer	Clements	10.41	10.00	1.00	....	5.30	5.00	....	....	46.03	44.00
A. A. 10% Plant Bed Fertilizer	Baltimore	10.07	10.00	.35	....	5.25	5.00	....	....	44.53	44.00
A. A. 10% Plant Bed Fertilizer	Baltimore	10.19	10.00	.35	....	5.35	5.00	....	....	45.09	44.00
A. A. Tobacco Bed Fertilizer	Baltimore	8.02	8.00	.60	....	6.30	6.00	8.36	8.00	43.90	43.20
A. A. Tobacco Bed Fertilizer	Baltimore	8.02	8.00	.40	....	6.80	6.00	8.40	8.00	44.30	43.20
Detrick's Gold Basis Fertilizer	Annapolis	7.03	7.00	.85	....	6.25	6.00	5.34	5.00	37.52	36.80
Detrick's Gold Basis Fertilizer	Pocomoke City	6.83	7.00	.40	....	6.20	6.00	5.40	5.00	36.66	36.80
Detrick's Gold Basis Fertilizer	Salisbury	7.00	7.00	.60	....	6.30	6.00	5.00	5.00	37.13	36.80
Detrick's Gold Basis Fertilizer	Upper Marlboro	7.05	7.00	.80	....	5.90	6.00	5.00	5.00	37.04	36.80
Slingluff's Plant Bed Fertilizer	Upper Marlboro	10.17	10.00	.50	....	5.30	5.00	2.32	2.00	46.86	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	10.24	10.00	.45	....	5.25	5.00	2.16	2.00	46.96	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	9.99	10.00	.45	....	5.45	5.00	2.30	2.00	46.23	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	10.41	10.00	.45	....	5.65	5.00	2.24	2.00	48.02	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	10.46	10.00	.50	....	5.60	5.00	2.10	2.00	48.08	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	10.24	10.00	.50	....	5.40	5.00	2.20	2.00	47.12	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	10.21	10.00	.45	....	5.25	5.00	2.10	2.00	46.79	45.60
Wheeler's H. G. Superphosphate	Hancock	....	....	1.65	....	18.35	16.00	....	....	14.93	12.80

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
American Soda Products Co., Moorestown, N. J.											
Grogreen	Baltimore	**6.04**	4.00	**1.80**	....	**8.60**	8.00	**3.40**	3.00	**$34.03**	$24.80
Anglo-Chilean Nitrate Sales Corp., New York, N. Y.											
Nitrate of Soda	Hagerstown	**19.18**	18.84	....	....	....	....	....	....	....	....
Armour Fertilizer Works, Baltimore, Md.											
Big Crop Superphosphate	Baltimore	....	....	**.10**	....	**16.80**	16.00	....	....	**13.46**	12.80
Big Crop Superphosphate	Baltimore	....	....	**.50**	....	**16.20**	16.00	....	....	**13.04**	12.80
Big Crop Superphosphate	Cumberand	....	....	**.50**	....	**17.10**	16.00	....	....	**13.76**	12.80
Big Crop Superphosphate	Salisbury	....	....	**.10**	....	**15.70**	16.00	....	....	**12.58**	12.80
Big Crop Fertilizer 5-8-5	Clinton	**5.05**	5.00	**.45**	....	**8.25**	8.00	**5.04**	5.00	**30.90**	30.40
Big Crop Fertilizer 5-8-5	Salisbury	**5.09**	5.00	**.20**	....	**8.10**	8.00	**5.00**	5.00	**30.87**	30.40
Big Crop Fertilizer 5-15-5	Elkton	**5.05**	5.00	**.15**	....	**15.95**	15.00	**5.24**	5.00	**37.17**	36.00
Big Crop Fertilizer 4-8-4	Baltimore	**4.11**	4.00	**1.10**	....	**7.60**	8.00	**4.36**	4.00	**26.18**	25.60
Big Crop Fertilizer 4-16-4	Baltimore	**4.16**	4.00	**.65**	....	**16.65**	16.00	**4.22**	4.00	**33.44**	32.00
Big Crop Fertilizer 4-16-4	Baltimore	**4.08**	4.00	**.70**	....	**16.10**	16.00	**4.06**	4.00	**32.56**	32.00
Big Crop Fertilizer 4-16-10	Baltimore	**3.99**	4.00	**.10**	....	**16.50**	16.00	**10.20**	10.00	**37.34**	36.80
Kainit	Baltimore	....	....	....	....	....	....	**14.51**	14.00	....	....
Kainit	Baltimore	....	....	....	....	....	....	**14.00**	14.00	....	....
Big Crop Fertilizer 4-16-10	Providence	**4.20**	4.00	**.15**	....	**17.65**	16.00	**10.32**	10.00	**39.20**	36.80
Muriate of Potash	Friendsville	....	....	....	....	....	....	**50.60**	48.00	....	....
NPK 9-27-9	Baltimore	**11.18**	10.94	**.65**	....	**27.35**	27.00	**9.40**	9.00	**74.22**	72.56
Big Crop Fertilizer 1-9-4	Baltimore	**1.20**	1.00	**.15**	....	**9.15**	9.00	**5.00**	4.00	**16.14**	14.40
Big Crop Fertilizer 1-9-4	Baltimore	**1.19**	1.00	**.10**	....	**9.50**	9.00	**4.00**	4.00	**15.58**	14.40
Big Crop Fertilizer 1-9-4	Salisbury	**1.16**	1.00	**.20**	....	**9.40**	9.00	**4.40**	4.00	**15.71**	14.40
Big Crop Fertilizer 1-9-4	Baltimore	**1.13**	1.00	**.10**	....	**9.20**	9.00	**4.00**	4.00	**15.10**	14.40
Big Crop Raw Bone Meal	Annapolis	**4.83**	4.50	....	....	***20.30**	*21.50	....	....	**31.50**	30.90
Big Crop Raw Bone Meal	Salisbury	**4.88**	4.50	....	....	***19.70**	*21.50	....	....	**31.34**	30.90
Sheep and Goat Manure	Cumberland	**2.03**	1.50	....	....	***2.20**	*1.00	**3.90**	2.00	**12.56**	8.20
Sheep and Goat Manure	Annapolis	**1.71**	1.50	....	....	***1.20**	*1.00	**2.90**	2.00	**9.88**	8.20
Big Crop Fertilizer 6-8-8	Salisbury	**6.04**	6.00	**.35**	....	**8.05**	8.00	**8.20**	8.00	**37.21**	36.80
Sulphate of Ammonia	Princess Anne	**24.61**	25.00	....	....	....	....	....	....	....	....

Sheep and Goat Manure	Cumberland										
Sheep and Goat Manure	Annapolis	1.71	1.50	....	....	*1.20	*1.00	2.90	2.00	9.88	8.20
Big Crop Fertilizer 6-8-8	Salisbury	6.04	6.00	.35	....	8.05	8.00	8.20	8.00	37.21	36.80
Sulphate of Ammonia	Princess Anne	24.61	25.00	....	....	....	....	....	....	....	....
Sulphate of Ammonia	Mt. Lake Park	24.18	25.00	....	....	....	....	....	....	....	....
Big Crop Fertilizer 7-6-5	Clinton	7.00	7.00	.10	....	6.80	6.00	5.00	5.00	37.46	36.80
Big Crop Fertilizer 7-6-5	Princess Anne	7.18	7.00	.30	....	6.20	6.00	5.10	5.00	37.81	36.80
Big Crop Fertilizer 7-6-5	Salisbury	7.06	7.00	.65	....	5.95	6.00	5.10	5.00	37.18	36.80
Big Crop Fertilizer 7-12-7	Baltimore	7.03	7.00	.35	....	13.15	12.00	7.00	7.00	44.29	43.20
Big Crop Fertilizer 10-5-2	Baltimore	9.70	10.00	.40	....	6.26	5.00	2.40	2.00	45.79	45.60
Big Crop Fertilizer 10-5-2	Baltimore	10.38	10.00	.40	....	5.70	5.00	2.00	2.00	47.74	45.60
Big Crop Fertilizer 10-5-2	Baltimore	9.99	10.00	.35	....	6.25	5.00	2.40	2.00	46.93	45.60
Big Crop Tobacco Special	Baltimore	4.16	4.00	.15	....	8.05	8.00	12.40	12.00	33.02	32.00
Big Crop Tobacco Special	Baltimore	4.03	4.00	.10	....	8.20	8.00	12.00	12.00	32.30	32.00
Big Crop Tomato Grower	Baltimore	3.16	3.00	.65	....	10.05	10.00	6.40	6.00	25.90	24.80
Big Crop Fertilizer 2-8-5	Baltimore	2.10	2.00	.50	....	8.00	8.00	5.08	5.00	18.94	18.40
Big Crop Fertilizer 2-8-5	Baltimore	1.98	2.00	.70	....	8.00	8.00	5.06	5.00	18.48	18.40
Big Crop Fertilizer 2-8-5	Baltimore	2.08	2.00	.40	....	8.60	8.00	5.04	5.00	19.29	18.40
Big Crop Fertilizer 2-8-5	Friendsville	2.01	2.00	.40	....	8.00	8.00	5.08	5.00	18.56	18.40
Big Crop Fertilizer 2-8-5	Cumberland	3.02	2.00	.55	....	8.45	8.00	5.04	5.00	22.95	18.40
Big Crop Fertilizer 2-8-10	Friendsville	2.15	2.00	.10	....	8.70	8.00	10.20	10.00	23.74	22.40
Big Crop Fertilizer 2-12-4	Baltimore	2.18	2.00	.80	....	11.70	12.00	4.30	4.00	21.64	20.80
Big Crop Fertilizer 2-16-8	Baltimore	2.29	2.00	.25	....	16.85	16.00	8.32	8.00	29.34	27.20
Vert	Princess Anne	6.50	5.00	5.30	....	9.30	8.00	6.40	6.00	39.36	31.20
Associated Chemical Co., Baltimore, Md.											
Dried Fish Scrap	Baltimore	11.40	10.00	....	....	*7.40	*5.50	....	....	50.04	43.30
Fine Bone Meal	Pittsville	3.46	3.00	....	....	*23.60	*23.00	....	....	28.00	25.80
Kainit	Baltimore	....	....	....	....	....	....	14.82	12.40	....	....
Kainit	Denton	....	....	....	....	....	....	12.40	12.40	....	....
Nitrate of Soda	Baltimore	19.02	18.20	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	18.78	18.20	....	....	....	....	....	....	....	....
Pure Raw Bone	Denton	4.83	4.50	....	....	*21.70	*20.00	....	....	32.34	30.00
Sulphate of Ammonia	Baltimore	25.12	25.00	....	....	....	....	....	....	....	....
Sulphate of Ammonia	Preston	25.02	25.00	....	....	....	....	....	....	....	....
Baltimore Fertilizer Co., Baltimore, Md.											
Honest 16% Superphosphate	Glyndon	....	....	.10	....	19.20	16.00	....	....	15.38	12.80
Honest 16% Superphosphate	La Plata	....	....	.20	....	16.10	16.00	....	....	12.91	12.80
Honest 1-9-4	Glyndon	1.08	1.00	.10	....	10.00	9.00	4.00	4.00	15.54	14.40
Honest 1-9-4	La Plata	1.16	1.00	.75	....	9.05	9.00	4.20	4.00	15.35	14.40
Honest 3-8-5	Baltimore	2.99	3.00	1.20	....	8.10	8.00	5.18	5.00	22.76	22.40
Honest 3-8-5	Baltimore	3.14	3.00	1.55	....	8.25	8.00	5.38	5.00	23.69	22.40
Honest 3-8-5	Glyndon	2.76	3.00	.10	....	8.90	8.00	5.20	5.00	22.34	22.40
Honest 2-8-5	Baltimore	2.66	2.00	1.15	....	8.05	8.00	5.24	5.00	21.44	18.40
Honest 2-8-5	Baltimore	2.00	2.00	1.10	....	8.00	8.00	5.30	5.00	18.81	18.40
Honest 2-8-5	Glyndon	2.06	2.00	.10	....	8.50	8.00	5.40	5.00	19.38	18.40

*** Total phosphoric acid.**

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Baltimore Fertilizer Co. (Continued)											
Honest 2-8-5	Bel Air	**1.71**	2.00	**.15**	....	**8.95**	8.00	**5.24**	5.00	**$18.21**	$18.40
Honest 2-8-10	Bel Air	**2.03**	2.00	**.10**	....	**8.50**	8.00	**10.36**	10.00	**23.23**	22.40
Honest 10% Tobacco Bed Mixture	La Plata	**10.11**	10.00	**.35**	....	**5.75**	5.00	**2.38**	2.00	**46.99**	45.60
Honest 10% Tobacco Bed Mixture	Baltimore	**10.07**	10.00	**.35**	....	**5.55**	5.00	**2.40**	2.00	**46.69**	45.60
Honest 10% Tobacco Bed Mixture	Baltimore	**10.19**	10.00	**.40**	....	**5.40**	5.00	**2.38**	2.00	**47.04**	45.60
Honest 10% Tobacco Bed Mixture	Baltimore	**9.61**	10.00	**.40**	....	**6.00**	5.00	**2.14**	2.00	**45.01**	45.60
Honest 10% Tobacco Bed Mixture	La Plata	**10.36**	10.00	**.25**	....	**5.65**	5.00	**2.12**	2.00	**47.70**	45.60
Honest 10% Tobacco Bed Mixture	Baltimore	**9.99**	10.00	**.45**	....	**5.75**	5.00	**2.30**	2.00	**46.47**	45.60
Honest Trucker	La Plata	**5.03**	5.00	**.15**	....	**8.05**	7.00	**5.00**	5.00	**30.58**	29.60
Old Honesty	Glyndon	**1.06**	1.00	**.10**	....	**12.00**	11.00	**2.40**	2.00	**15.78**	14.40
Old Honesty	La Plata	**1.48**	1.00	**.85**	....	**10.35**	11.00	**2.90**	2.00	**16.65**	14.40
Barrett Company, New York, N. Y.											
Arcadian Nitrate of Soda	Baltimore	**19.42**	19.45	....	....	....	....	....	....	....	....
Arcadian Nitrate of Soda	Baltimore	**19.42**	19.45	....	....	....	....	....	....	....	....
Arcadian Nitrate of Soda	Catonsville	**19.46**	19.45	....	....	....	....	....	....	....	....
Arcadian Nitrate of Soda	New Windsor	**19.46**	19.45	....	....	....	....	....	....	....	....
Arcadian Nitrate of Soda	Elkton	**19.52**	19.45	....	....	....	....	....	....	....	....
Arcadian Nitrate of Soda	Baltimore	**19.56**	19.45	....	....	....	....	....	....	....	....
Sulphate of Ammonia	Hurlock	**24.58**	25.00	....	....	....	....	....	....	....	....
Baugh & Sons Company, Baltimore, Md.											
Baughphos The Ideal Superphosphate	Lydia	....	....	**1.30**	....	**17.50**	16.00	....	....	**14.20**	12.80
Baughphos The Ideal Superphosphate	Baltimore	....	....	**.10**	....	**17.40**	16.00	....	....	**13.94**	12.80
Baughphos The Ideal Superphosphate	Waldorf	....	....	**1.60**	....	**17.60**	16.00	....	....	**14.32**	12.80
Lime and Phosphate	Baltimore	....	....	**1.40**	....	**17.90**	14.00	....	....	**14.53**	11.20
Bone Meal	Baltimore	**2.89**	3.00	....	....	***24.50**	*23.00	....	....	**26.26**	25.80
Bone Meal	Raspeburg	**3.26**	3.00	....	....	***25.20**	*23.00	....	....	**28.16**	25.80
Commercial Crop Compound	Grantsville	**2.15**	2.00	**1.35**	....	**8.05**	8.00	**10.30**	10.00	**23.48**	22.40
Commercial Crop Compound	Parkton	**2.00**	2.00	**1.30**	....	**8.40**	8.00	**10.40**	10.00	**23.24**	22.40
Commercial Crop Compound	Salisbury	**2.15**	2.00	**1.30**	....	**8.00**	8.00	**10.40**	10.00	**23.52**	22.40
Complete Animal Base Fertilizer	Salisbury	**1.94**	2.00	**1.20**	....	**8.00**	8.00	**5.16**	5.00	**18.47**	18.40

Commercial Crop Compound	Parkton	**2.00**	2.00	**1.30**	....	**8.40**	8.00	**10.40**	10.00	**23.24**	22.40
Commercial Crop Compound	Salisbury	**2.15**	2.00	**1.30**	....	**8.00**	8.00	**10.40**	10.00	**23.52**	22.40
Complete Animal Base Fertilizer	Salisbury	**1.94**	2.00	**1.20**	....	**8.00**	8.00	**5.16**	5.00	**18.47**	18.40
Complete Animal Base Fertilizer	Baltimore	**2.17**	2.00	**1.05**	....	**8.95**	8.00	**5.10**	5.00	**20.08**	18.40
Complete Animal Base Fertilizer	Hagerstown	**2.17**	2.00	**1.30**	....	**8.80**	8.00	**5.40**	5.00	**20.24**	18.40
Complete Animal Base Fertilizer	Boonsboro	**2.08**	2.00	**1.15**	....	**8.65**	8.00	**5.24**	5.00	**19.60**	18.40
Complete Animal Base Fertilizer	Friendsville	**2.18**	2.00	**1.15**	....	**8.05**	8.00	**5.18**	5.00	**19.47**	18.40
Complete Animal Base Fertilizer	Woodbine	**2.32**	2.00	**.15**	....	**8.85**	8.00	**5.20**	5.00	**20.54**	18.40
Complete Animal Base Fertilizer	Boring	**2.22**	2.00	**.80**	....	**8.80**	8.00	**5.22**	5.00	**20.22**	18.40
Complete Animal Base Fertilizer	Rising Sun	**2.08**	2.00	**1.30**	....	**8.10**	8.00	**5.20**	5.00	**19.16**	18.40
Complete Animal Base and Potash Compound	Baltimore	**1.98**	2.00	**1.10**	....	**9.70**	9.00	**3.12**	3.00	**18.35**	17.60
Double Eagle Phosphate	Salisbury	**2.08**	2.00	**1.15**	....	**12.55**	12.00	**4.16**	4.00	**21.86**	20.80
Double Eagle Phosphate	Loch Raven	**2.08**	2.00	**1.30**	....	**12.50**	12.00	**4.20**	4.00	**21.88**	20.80
Double Eagle Phosphate	College Park	**2.24**	2.00	**1.40**	....	**12.10**	12.00	**4.10**	4.00	**22.13**	20.80
Double Eagle Phosphate	Owings Mills	**2.10**	2.00	**1.45**	....	**12.35**	12.00	**4.20**	4.00	**21.86**	20.80
Excelsior Guano	Baltimore	**1.09**	1.00	**.90**	....	**9.00**	9.00	**4.28**	4.00	**15.12**	14.40
Excelsior Guano	Baltimore	**1.18**	1.00	**1.10**	....	**9.30**	9.00	**4.20**	4.00	**15.69**	14.40
Excelsior Guano	Woodbine	**1.33**	1.00	**.55**	....	**10.35**	9.00	**4.28**	4.00	**17.10**	14.40
Excelsior Guano	Waldorf	**1.14**	1.00	**1.10**	....	**9.00**	9.00	**4.40**	4.00	**15.45**	14.40
Fish Mixture	Baltimore	**2.10**	2.00	**1.25**	....	**9.15**	9.00	**3.24**	3.00	**18.50**	17.60
Fish Bone and Potash	Baltimore	**3.98**	4.00	**.95**	....	**8.15**	8.00	**4.20**	4.00	**25.94**	25.60
Fish Bone and Potash	Woodbine	**4.03**	4.00	**.25**	....	**8.85**	8.00	**4.30**	4.00	**26.68**	25.60
Fish Bone and Potash	Denton	**4.01**	4.00	**1.35**	....	**8.25**	8.00	**4.20**	4.00	**26.20**	25.60
Fish Bone and Potash	Anacostia	**3.99**	4.00	**.90**	....	**9.30**	8.00	**4.00**	4.00	**26.74**	25.60
Fish Bone and Potash	Salisbury	**4.20**	4.00	**1.20**	....	**8.10**	8.00	**4.24**	4.00	**26.85**	25.60
4-8-10 for Tobacco	Baltimore	**4.20**	4.00	**1.60**	....	**8.10**	8.00	**10.20**	10.00	**31.68**	30.40
4-8-7 for Tobacco	Baltimore	**3.98**	4.00	**1.25**	....	**8.05**	8.00	**7.30**	7.00	**28.39**	28.00
Genuine Imported Kainit	Baltimore	....	....	....	....	....	....	**14.88**	14.00	....	....
Genuine Imported Kainit	Baltimore	....	....	....	....	....	....	**15.52**	14.00	....	....
Genuine Imported Kainit	Owings Mills	....	....	....	....	....	....	**15.00**	14.00	....	....
Ground Blood	Baltimore	**16.02**	16.00	....	....	....	....	....	....	....	....
Half Century Perfection Brand	Grantsville	**4.10**	4.00	**.85**	....	**8.65**	8.00	**7.24**	7.00	**29.24**	28.00
Half Century Perfection Brand	Salisbury	**3.98**	4.00	**1.50**	....	**7.80**	8.00	**7.40**	7.00	**28.31**	28.00
New Process 10% Guano	Baltimore	**10.02**	10.00	**.90**	....	**5.30**	5.00	....	....	**44.46**	44.00
New Process 10% Guano	Baltimore	**10.00**	10.00	**.75**	....	**5.45**	5.00	....	....	**44.47**	44.00
New Process 10% Guano	Baltimore	**10.04**	10.00	**.85**	....	**5.45**	5.00	....	....	**44.65**	44.00
New Process 10% Guano	Baltimore	**10.02**	10.00	**1.00**	....	**5.30**	5.00	....	....	**44.47**	44.00
New Process 10% Guano	Baltimore	**10.00**	10.00	**.95**	....	**5.35**	5.00	....	....	**44.42**	44.00
Nitrate of Soda	Baltimore	**19.16**	18.50	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	**18.64**	18.50	....	....	....	....	....	....	....	....
The Old Standby	Baltimore	**2.18**	2.00	**1.20**	....	**12.30**	12.00	**2.30**	2.00	**20.58**	19.20
Peruvian Guano Substitute	Loch Raven	**4.78**	5.00	**.60**	....	**9.20**	8.00	**5.00**	5.00	**30.57**	30.40
Peruvian Guano Substitute	Denton	**4.98**	5.00	**.85**	....	**8.55**	8.00	**5.20**	5.00	**31.05**	30.40
Peruvian Guano Substitute	Waldorf	**5.00**	5.00	**1.00**	....	**8.30**	8.00	**5.20**	5.00	**30.95**	30.40
Peruvian Guano Substitute	Salisbury	**5.03**	5.00	**.80**	....	**8.30**	8.00	**5.30**	5.00	**31.12**	30.40
Peruvian Guano Substitute	Waterbury	**4.45**	5.00	**1.00**	....	**8.10**	8.00	**5.30**	5.00	**28.67**	30.40

* Total phosphoric acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Baugh & Sons Co., Baltimore, Md. (Cont.)											
Peruvian Guano Substitute	Owings Mills	**5.02**	5.00	**1.05**	....	**8.05**	8.00	**5.30**	5.00	**$30.92**	$30.40
Peruvian Guano Substitute	Baltimore	**5.14**	5.00	**.95**	....	**8.05**	8.00	**5.10**	5.00	**31.22**	30.40
Raw Bone Meal	Salisbury	**4.78**	4.50	....	....	***22.60**	*21.50	....	....	**32.68**	30.90
Raw Bone Meal	Owings Mills	**4.57**	4.50	....	....	***23.70**	*21.50	....	....	**32.50**	30.90
Special Potato Manure	Denton	**2.01**	2.00	**1.20**	....	**8.00**	8.00	**5.16**	5.00	**18.75**	18.40
Special Potato Manure	Boring	**2.00**	2.00	**.85**	....	**8.05**	8.00	**5.38**	5.00	**18.87**	18.40
Special Potato Manure	Waterbury	**2.01**	2.00	**1.25**	....	**8.05**	8.00	**5.00**	5.00	**18.67**	18.40
Special Tobacco Guano	Baltimore	**3.99**	4.00	**1.05**	....	**8.05**	8.00	**4.24**	4.00	**25.95**	25.60
Sulphate of Ammonia	Baltimore	**25.02**	25.00	....	....	....	....	....	....	....	....
Sweet Potato Guano	Loch Raven	**3.02**	3.00	**1.25**	....	**8.55**	8.00	**8.40**	8.00	**25.83**	24.80
Sweet Potato Guano	Denton	**3.00**	3.00	**1.25**	....	**8.35**	8.00	**8.00**	8.00	**25.27**	24.80
Sweet Potato Guano	Salisbury	**3.00**	3.00	**1.35**	....	**8.15**	8.00	**8.24**	8.00	**25.31**	24.80
7% Potato Guano	Waldorf	**6.99**	7.00	**.55**	....	**6.45**	6.00	**5.10**	5.00	**37.28**	36.80
7% Potato Guano	Salisbury	**6.98**	7.00	**.60**	....	**6.10**	6.00	**5.00**	5.00	**36.89**	36.80
7% Potato Guano	Loch Raven	**6.86**	7.00	**.70**	....	**6.50**	6.00	**5.28**	5.00	**36.97**	36.80
7% Potato Guano	Preston	**6.88**	7.00	**.90**	....	**6.40**	6.00	**5.20**	5.00	**36.94**	36.80
7-6-5	Cambridge	**6.99**	7.00	**.65**	....	**6.45**	6.00	**5.30**	5.00	**37.46**	36.80
7-6-5	Sykesville	**6.84**	7.00	**.75**	....	**6.55**	6.00	**5.24**	5.00	**36.90**	36.80
7-6-5	Catonsville	**6.84**	7.00	**.65**	....	**6.55**	6.00	**5.34**	5.00	**36.97**	36.80
7-6-5	Waterbury	**6.86**	7.00	**.80**	....	**6.30**	6.00	**5.00**	5.00	**36.60**	36.80
7-6-5	Owings Mills	**7.01**	7.00	**.50**	....	**6.70**	6.00	**5.40**	5.00	**37.80**	36.80
7-6-5	Jessup	**6.83**	7.00	**.80**	....	**6.10**	6.00	**5.40**	5.00	**36.64**	36.80
Tomato Compound	Baltimore	**2.00**	2.00	**1.25**	....	**9.35**	9.00	**3.32**	3.00	**18.33**	17.60
Tomato Compound	Denton	**2.15**	2.00	**1.15**	....	**9.05**	9.00	**3.36**	3.00	**18.70**	17.60
Belt Seed Co., Inc., Baltimore, Md.											
Lawnspur	College Park	**5.00**	5.00	**.10**	....	**10.10**	10.00	**5.00**	5.00	**32.10**	32.00
Herbert Bryant's Son, Alexandria, Va.											
Acid Phosphate H. G.	Gaithersburg	....	....	**.20**	....	**17.80**	16.00	....	....	**14.27**	12.80
Animal Bone Compound	Gaithersburg	**2.24**	2.00	**5.85**	....	**9.45**	8.00	**3.30**	3.00	**20.04**	16.80
Belle Haven Ammoniated	Gaithersburg	**2.32**	2.00	**.10**	....	**8.50**	8.00	**5.90**	5.00	**20.82**	18.40

Acid Phosphate H. G.	Gaithersburg	....	....	.20	....	17.80	16.00	....	....	14.27	12.80
Animal Bone Compound	Gaithersburg	2.24	2.00	5.85	....	9.45	8.00	3.30	3.00	20.04	16.80
Belle Haven Ammoniated	Gaithersburg	2.32	2.00	.10	....	8.50	8.00	5.90	5.00	20.82	18.40
Corn King	Silver Spring	1.37	1.25	1.05	....	9.35	10.00	2.40	2.00	15.04	14.60
Excelsior Ammoniated	Rockville	5.14	5.00	.35	....	8.95	8.00	5.38	5.00	32.07	30.40
Excelsior Ammoniated	Silver Spring	5.07	5.00	.30	....	9.30	8.00	5.24	5.00	31.96	30.40
Genuine Fish and Potash	Gaithersburg	2.17	2.00	.80	....	10.0[illegible]	9.00	2.24	2.00	18.59	16.80
High Grade Truck and Potato	Rockville	2.99	3.00	.55	....	8.75	8.00	5.80	5.00	23.68	22.40
High Grade Truck and Potato	Bethesda	2.99	3.00	.45	....	8.75	8.00	5.40	5.00	23.35	22.40
High Grade Truck and Potato	Silver Spring	3.02	3.00	.20	....	9.00	8.00	5.92	5.00	24.05	22.46
Pure Animal Bone Meal	Silver Spring	4.81	4.50	....	....	*23.90	*20.60	....	....	33.58	30.30
Central Chemical Co., Inc., Hagerstown, Md.											
"MBW" Superphosphate	Baltimore	....	....	.30	....	17.00	16.00	....	....	13.65	12.80
"MBW" Superphosphate	Baltimore	....	....	.60	....	16.10	16.00	....	....	12.97	12.80
"MBW" Dissolved Phosphate	Hagerstown	....	....	1.20	....	16.30	16.00	....	....	13.22	12.80
"MBW" Dissolved Phosphate	Big Spring	....	....	.60	....	16.60	16.00	....	....	13.37	12.80
"MBW" Caroline Special	Centreville	1.37	1.00	1.35	....	10.05	10.00	4.36	4.00	17.21	15.20
"MBW" Crab Tankage	Baltimore	4.91	5.00	....	....	*4.20	*3.70	....	....	22.16	22.22
"MBW" Crab Tankage	Baltimore	5.00	5.00	....	....	*4.10	*3.70	....	....	22.46	22.22
"Gro-All" Crown Jewel	Accident	1.11	1.00	1.05	....	9.05	9.00	4.40	4.00	15.36	14.40
"Gro-All" Excelsior	Baltimore	2.00	2.00	1.00	....	8.50	8.00	5.00	5.00	18.95	18.40
"Gro-All" Excelsior	Hagerstown	2.18	2.00	1.30	....	7.80	8.00	5.04	5.00	19.19	18.40
"Gro-All" Excelsior	Accident	2.08	2.00	.90	....	8.00	8.00	5.86	5.00	19.55	18.44
"Gro-All" Excelsior	Accident	2.08	2.00	.90	....	8.00	8.00	5.40	5.00	19.18	18.40
"Gro-All" Excelsior	Motters	2.00	2.00	.25	....	8.45	8.00	5.84	5.00	19.47	18.40
"MBW" 5-8-7	Baltimore	5.00	5.00	1.25	....	8.05	8.00	7.24	7.00	32.42	32.00
"MBW" Fruit Special	Baltimore	1.98	2.00	.55	....	7.85	8.00	5.40	5.00	18.60	18.40
"MBW" Fruit Special	Baltimore	2.17	2.00	.45	....	8.05	8.00	5.12	5.00	19.29	18.40
"MBW" Fruit Special	Centreville	2.20	2.00	.40	....	9.30	8.00	4.80	5.00	20.14	18.40
"Gro-All" Imperial	Accident	2.00	2.00	.50	....	8.20	8.00	11.64	10.00	23.95	22.40
"Gro-All" Potato Special	Hagerstown	3.99	4.00	.65	....	8.05	8.00	7.40	7.00	28.42	28.00
"Gro-All" Potato Special	Hancock	3.99	4.00	.50	....	8.60	8.00	7.00	7.00	28.52	28.00
"Gro-All" Super-Fish	Hagerstown	2.12	2.00	.80	....	12.70	12.00	6.30	6.00	23.80	22.40
"Gro-All" Super-Fish	Hancock	2.06	2.00	.70	....	12.10	12.00	6.32	6.00	23.09	22.40
"MBW" Tomato Grower	Centreville	3.14	3.00	.10	....	8.50	8.00	11.60	10.00	28.66	26.40
"MBW" Tomato Grower	Baltimore	3.14	3.00	.60	....	8.90	8.00	10.88	10.00	28.47	26.40
"MBW" Wheat and Grass	Centreville	....	....	.35	....	10.75	10.00	5.90	5.00	13.37	12.00
Chewsville Cooperative Asso., Chewsville, Md.											
Superphosphate	Chewsville	....	....	.35	....	19.45	16.00	....	....	15.61	12.80
Golden Harvest	Chewsville	2.30	2.00	1.25	....	10.05	10.00	5.40	5.00	21.75	20.00
Perfection Brand	Chewsville	4.04	4.00	1.20	....	8.40	8.00	7.30	7.00	28.90	28.00
Phosphate and Potash	Chewsville	....	....	1.05	....	12.75	12.00	5.04	5.00	14.39	13.60
Super Grain and Grass Grower	Chewsville	4.18	4.00	1.10	....	12.10	12.00	8.00	8.00	32.97	32.00

* Total phosphoric acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
A. V. Cook, Baltimore, Md.											
Floro Tabbs	Baltimore	**16.00**	15.00	....	....	***20.20**	*19.00	**28.00**	22.00	**$98.52**	$89.00
H. B. Dawson, Baltimore, Md.											
Industrial Lawn Fertilizer	Baltimore	**5.07**	5.00	**.35**	....	**10.15**	10.00	**5.30**	5.00	**32.69**	32.00
Devilbiss Brothers, New Windsor, Md.											
Acid Phosphate	New Windsor	....	....	**.25**	....	**18.05**	16.00	....	....	**14.48**	12.80
Butcher House	New Windsor	**1.19**	1.00	**.75**	....	**11.15**	10.00	**6.60**	5.00	**19.07**	16.40
2-8-5 Fertilizer	New Windsor	**2.24**	2.00	**.15**	....	**10.25**	8.00	**7.60**	5.00	**23.26**	18.00
Wheat Grower	New Windsor	**1.28**	1.00	**.65**	....	**10.45**	9.00	**5.00**	3.00	**17.58**	13.60
Diamond Fertilizer Co., Baltimore, Md.											
Super Special	Preston	**2.18**	2.00	**.55**	....	**8.35**	8.00	**11.00**	10.00	**24.28**	22.40
Dorchester Fertilizer Co., Cambridge, Md.											
Champion	Cambridge	**4.01**	4.00	**.15**	....	**8.65**	8.00	**10.36**	10.00	**31.27**	30.40
Crab Mixture	Cambridge	**2.20**	2.00	**.25**	....	**8.15**	8.00	**6.30**	6.00	**20.40**	19.20
Dorco Choice	Cambridge	**2.01**	2.00	**.90**	....	**8.70**	9.00	**7.70**	7.00	**21.30**	20.80
Dorco Choice	Cambridge	**2.12**	2.00	**.90**	....	**8.70**	9.00	**8.00**	7.00	**21.98**	20.80
Dorco Favorite	Cambridge	**2.18**	2.00	**.40**	....	**8.50**	8.00	**9.20**	10.00	**22.94**	22.40
Dorco Favorite	Cambridge	**2.13**	2.00	**.45**	....	**8.15**	8.00	**8.20**	10.00	**21.67**	22.40
Dorco Imperial	Cambridge	**7.00**	7.00	**.70**	....	**6.10**	6.00	**5.38**	5.00	**37.29**	36.80
Dorco Imperial	Cambridge	**7.13**	7.00	**.60**	....	**6.00**	6.00	**5.10**	5.00	**37.49**	36.80
Dorco Regal	Cambridge	**5.03**	5.00	**.10**	....	**7.30**	7.00	**7.76**	7.00	**32.19**	31.20
Dorco Royal	Cambridge	**3.21**	3.00	**.30**	....	**8.70**	8.00	**10.00**	9.00	**27.85**	25.60
Dorco Royal	Cambridge	**3.19**	3.00	**.25**	....	**8.35**	8.00	**9.28**	9.00	**26.90**	25.60
Fish Special	Cambridge	**2.13**	2.00	**.75**	....	**10.35**	10.00	**4.32**	3.00	**20.37**	18.40
Fish Special	Cambridge	**2.32**	2.00	**.60**	....	**10.00**	10.00	**3.36**	3.00	**20.06**	18.40
Kainit	Cambridge	....	....	....	....	....	....	**15.78**	14.00	....	....
Kainit	Cambridge	....	....	....	....	....	....	**14.00**	14.00	....	....
Merit	Cambridge	....	....	**.25**	....	**9.45**	9.00	**6.32**	6.00	**12.66**	12.00
Merit	Cambridge	....	....	**.15**	....	**9.45**	9.00	**6.20**	6.00	**12.54**	12.00

Kainit	Cambridge	....	....	....	....	....	....	14.00	14.00	....	....
Merit	Cambridge	....	....	.25	....	9.45	9.00	6.32	6.00	12.66	12.00
Merit	Cambridge	....	....	.15	....	9.45	9.00	6.20	6.00	12.54	12.00
Ontop	Cambridge	6.16	6.00	.40	....	6.20	6.00	4.36	4.00	33.15	32.00
Our Special	Cambridge	2.20	2.00	.45	....	8.35	8.00	5.40	5.00	19.87	18.40
Standard	Cambridge	....	....	.55	....	10.35	10.00	10.00	10.00	16.36	16.00
Standard	Cambridge	....	....	.40	....	9.40	10.00	10.40	10.00	15.90	16.00
Trucker	Cambridge	4.58	5.00	.65	....	8.75	8.00	5.40	5.00	29.74	30.40
Trucker	Cambridge	5.03	5.00	1.00	....	8.00	8.00	5.30	5.00	30.91	30.40
Eastern Grain Growers, Hagerstown, Md.											
Superphosphate	Hagerstown	....	....	.40	....	17.70	16.00	....	....	14.22	12.80
Edelen Brothers, Baltimore, Md.											
High Grade Tobacco	Baltimore	4.20	4.00	.45	....	8.75	8.00	11.60	12.00	33.15	32.00
High Grade Tobacco	Baltimore	3.98	4.00	.30	....	8.50	8.00	12.36	12.00	32.66	32.00
Red Tobacco	Baltimore	3.00	3.00	.25	....	8.35	8.00	10.32	10.00	26.98	26.40
Red Tobacco	Baltimore	3.11	3.00	.35	....	8.55	8.00	10.00	10.00	27.33	26.40
Special Tobacco	Baltimore	2.73	3.00	.45	....	8.55	8.00	6.10	6.00	22.71	23.20
10% Tobacco Bed Special, with 2% Potash	Baltimore	10.05	10.00	.30	....	5.70	5.00	2.38	2.00	46.71	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	9.82	10.00	.40	....	5.40	5.00	2.08	2.00	45.32	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	9.61	10.00	.40	....	5.90	5.00	2.08	2.00	44.88	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	10.23	10.00	.45	....	5.85	5.00	2.10	2.00	47.35	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	9.99	10.00	.30	....	6.10	5.00	2.20	2.00	46.65	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	10.48	10.00	.20	....	5.50	5.00	2.00	2.00	47.95	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	10.38	10.00	.30	....	5.20	5.00	2.10	2.00	47.41	45.60
Wheat and Grain Mixture	Baltimore	2.06	2.00	.35	....	8.75	8.00	5.20	5.00	19.45	18.40
Wheat and Grain Mixture	Baltimore	2.00	2.00	.45	....	8.95	8.00	5.16	5.00	19.36	18.40
Farmers Fert. & Feed Co., Westminster, Md.											
Acid Phosphate	Westminster	....	....	.60	....	16.80	16.00	....	....	13.53	12.80
Acid and Potash	Westminster	....	....	.35	....	12.15	12.00	5.12	5.00	13.87	13.60
Farmers Favorite	Westminster	1.01	1.00	.55	....	10.65	10.00	5.10	5.00	16.72	16.00
Potash Special	Westminster	1.91	2.00	.40	....	8.40	8.00	10.30	10.00	22.66	22.40
Potato Grower	Westminster	2.03	2.00	.65	....	8.15	8.00	5.00	5.00	18.74	18.40
Truckers Delight	Westminster	4.49	4.00	.10	....	8.90	8.00	6.85	7.00	30.58	28.00
XX (Double X)	Westminster	.99	1.00	.95	....	9.55	9.00	3.28	3.00	14.36	13.60
XXX (Triple X)	Westminster	1.08	1.00	.55	....	9.35	9.00	4.40	4.00	15.40	14.40
Farmers & Planters Co., Salisbury, Md.											
Early Truck	Salisbury	4.01	4.00	.70	....	8.10	8.00	4.30	4.00	26.07	25.60
High Grade 5%	Salisbury	5.14	5.00	.35	....	7.35	7.00	4.86	5.00	30.38	29.60
High Grade 5%	Salisbury	5.15	5.00	.10	....	7.50	7.00	5.00	5.00	30.62	29.60
High Grade 7%	Salisbury	7.05	7.00	.30	....	6.90	6.00	5.40	5.00	38.09	36.80
High Grade 7%	Pocomoke City	7.00	7.00	.45	....	6.55	6.00	5.00	5.00	37.21	36.80
Lawn and Garden Mixture	Salisbury	5.20	5.00	.40	....	7.60	7.00	5.10	5.00	31.02	29.60

* Total phosphoric acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Farmers & Planters Co., Salisbury (Continued)											
Special Fish Mixture	Salisbury	**2.42**	2.00	**.35**	....	**8.15**	8.00	**5.38**	5.00	**$20.55**	$18.40
Sweet Potato Special	Salisbury	**2.98**	3.00	**.45**	....	**8.45**	8.00	**7.60**	7.00	**24.83**	24.00
Friedman Tobacco Products Corp., York, Pa.											
Double Duty Tobacco Stem and Dust Fertilizer	Manchester	**1.74**	2.43	....	....	***.50**	*1.00	**5.00**	4.50	**11.26**	13.92
Griffith & Boyd Company, Baltimore, Md.											
Acid Phosphate H. G.	Baltimore	....	....	**.75**	....	**16.95**	16.00	....	....	**13.67**	12.80
Accomac Trucker	Baltimore	**5.22**	5.00	**.10**	....	**6.60**	6.00	**5.34**	5.00	**30.45**	28.80
Accomac Trucker	Baltimore	**4.85**	5.00	**.15**	....	**6.75**	6.00	**5.30**	5.00	**29.06**	28.80
Accomac Trucker	Baltimore	**4.50**	5.00	**.35**	....	**6.25**	6.00	**5.38**	5.00	**27.35**	28.80
Fish and Potash Guano	Baltimore	**1.77**	1.75	**.75**	....	**9.85**	10.00	**3.00**	3.00	**17.47**	17.40
Fish and Potash Guano	Baltimore	**1.76**	1.75	**.85**	....	**10.05**	10.00	**3.32**	3.00	**17.87**	17.40
Fish and Potash Guano	Baltimore	**1.84**	1.75	**.80**	....	**10.00**	10.00	**3.32**	3.00	**18.14**	17.40
Gilt Edge Crop Guano	Baltimore	**2.18**	2.00	**.70**	....	**8.10**	8.00	**10.40**	10.00	**23.63**	22.40
Gilt Edge Crop Guano	Baltimore	**2.15**	2.00	**.75**	....	**8.85**	8.00	**10.00**	10.00	**23.79**	22.40
Gilt Edge Crop Guano	Baltimore	**2.27**	2.00	**.90**	....	**8.00**	8.00	**10.32**	10.00	**23.88**	22.40
Gilt Edge Crop Guano	Baltimore	**2.01**	2.00	**.80**	....	**8.10**	8.00	**10.36**	10.00	**22.93**	22.40
Kainit	Baltimore	....	....	....	....	....	....	**14.22**	14.00	....	....
Peerless Fertilizer	Baltimore	**1.18**	1.00	**.80**	....	**10.00**	10.00	**3.10**	3.00	**15.32**	14.40
Pure Fine Ground Bone Meal	Baltimore	**5.10**	4.50	....	....	***21.60**	*20.00	....	....	**33.36**	30.00
Pure Fine Ground Bone Meal	Laurel	**4.50**	4.50	....	....	***21.20**	*20.00	....	....	**30.72**	30.00
Special Guano	Laurel	**2.10**	2.00	**.15**	....	**8.55**	8.00	**5.22**	5.00	**19.44**	18.40
Special Potato Guano	Laurel	**4.22**	4.00	**.10**	....	**8.30**	8.00	**6.60**	6.00	**28.82**	27.20
Sulphate of Ammonia	Baltimore	**24.64**	24.50	....	....	....	....	....	....	....	....
7% Potato Guano	Baltimore	**7.20**	7.00	**.10**	....	**6.10**	6.00	**5.40**	5.00	**38.02**	36.80
Truckers Special	Laurel	**5.00**	5.00	**.30**	....	**8.70**	8.00	**5.90**	5.00	**31.73**	30.40
Griffith & Turner Company, Baltimore, Md.											
Soft Ground Bone	Baltimore	**3.00**	3.00	....	....	***8.00**	*11.00	....	....	**16.80**	18.60
Special Truck Mixture	Baltimore	**4.20**	4.00	**.40**	....	**8.00**	8.00	**6.40**	6.00	**28.38**	27.20

Griffith & Turner Company, Baltimore, Md.											
Soft Ground Bone	Baltimore	**3.00**	3.00	....	....	***8.00**	*11.00	....	....	**16.80**	18.60
Special Truck Mixture	Baltimore	**4.20**	4.00	**.40**	....	**8.00**	8.00	**6.40**	6.00	**28.38**	27.20
Gro Wer Plant Food Co., Westminster, Md.											
Gro-Wer Plant Food	Westminster	**7.15**	8.00	....	....	***6.70**	*7.00	**1.62**	6.00	**33.92**	41.00
Hampstead Fertilizer Co., Hampstead, Md.											
Superphosphate	Hampstead	....	....	**.10**	....	**19.40**	16.00	....	....	**15.54**	12.80
1-8-4	Hampstead	**1.13**	1.00	**.15**	....	**9.05**	8.00	**4.76**	4.00	**15.59**	13.60
2-8-5	Hampstead	**2.00**	2.00	**.10**	....	**8.50**	8.00	**5.26**	5.00	**19.03**	18.40
2-8-10	Hampstead	**1.91**	2.00	**.10**	....	**8.80**	8.00	**10.00**	10.00	**22.70**	22.40
Horsey, Roe & Co., Greensboro, Md.											
Crop Grower	Greensboro	**1.14**	1.00	**1.50**	....	**9.10**	9.00	**5.30**	4.00	**16.31**	14.40
5-8-5	Greensboro	**5.12**	5.00	**1.10**	....	**8.20**	8.00	**6.82**	5.00	**32.67**	30.40
Tomato	Greensboro	**3.99**	4.00	**.75**	....	**8.45**	8.00	**11.00**	10.00	**31.63**	30.40
2-8-10	Greensboro	**2.12**	2.00	**.90**	....	**8.10**	8.00	**13.60**	10.00	**25.98**	22.40
M. P. Hubbard & Co., Inc., Baltimore, Md.											
Maryland Special	Federalsburg	**5.05**	5.00	**.25**	....	**8.25**	8.00	**5.24**	5.00	**31.03**	30.40
Huston, Culver & Co., Seaford, Del.											
Crop Grower	Federalsburg	**2.05**	2.00	**.20**	....	**9.70**	8.00	**6.00**	5.00	**20.79**	18.40
Huston, Culver & Co. 5%	Federalsburg	**5.49**	5.00	**.10**	....	**8.20**	8.00	**5.20**	5.00	**32.70**	30.40
Huston, Culver & Co. 7%	Federalsburg	**6.76**	7.00	**.10**	....	**7.90**	6.00	**5.00**	5.00	**37.38**	36.80
Rock and Kainit	Federalsburg	....	....	**.10**	....	**8.10**	8.00	**7.84**	6.00	**12.77**	11.20
Top Dressing	Federalsburg	**5.70**	6.00	**.15**	....	**10.05**	8.00	**5.40**	5.00	**35.18**	34.40
Koppers Products Co., Pittsburgh, Pa.											
Sulphate of Ammonia	Baltimore	**25.20**	25.25	....	....	....	....	....	....	....	....
Manuro Products Co., Baltimore, Md.											
Manuro	Baltimore	**1.11**	.90	....	....	***.60**	*.60	**.60**	.50	**5.28**	4.36
Maryland Milling & Supply Co., Sykesville, Md.											
Superphosphate H. G.	Sykesville	....	....	**.10**	....	**18.10**	16.00	....	....	**14.50**	12.80
Forthman's Special	Sykesville	**4.78**	5.00	**.40**	....	**9.00**	8.00	**5.40**	5.00	**30.70**	30.40
M. & M. 7% Potato Guano	Sykesville	**6.45**	7.00	**2.15**	....	**7.15**	6.00	**5.10**	5.00	**35.92**	36.80
Newman's Favorite	Sykesville	**2.06**	2.00	**.35**	....	**9.25**	8.00	**5.38**	5.00	**19.99**	18.40
Newman's Favorite	Sykesville	**1.62**	2.00	**.80**	....	**12.90**	8.00	**4.36**	5.00	**20.41**	18.40
Phosphate and Potash	Sykesville	....	....	**.75**	....	**12.55**	12.00	**5.10**	5.00	**14.23**	13.60
"Special"	Sykesville	**4.30**	4.00	**.60**	....	**8.60**	8.00	**4.50**	4.00	**27.77**	25.60
"Special"	Sykesville	**4.13**	4.00	**.80**	....	**8.60**	8.00	**4.40**	4.00	**27.04**	25.60

*** Total phosphoric acid.**

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Massey & Wilmer, Chestertown, Md.											
Super Phosphate	Chestertown	....	....	**1.25**	....	**18.95**	16.00	....	....	**$15.35**	$12.80
Corn Phosphate	Chestertown	**1.14**	1.00	**1.35**	....	**10.15**	9.00	**5.08**	4.00	**16.94**	14.40
Crop Producer	Chestertown	**1.11**	1.00	**1.75**	....	**9.35**	9.00	**4.90**	4.00	**16.10**	14.40
Tom Junior	Chestertown	**5.02**	5.00	**1.00**	....	**9.00**	8.00	**5.36**	5.00	**31.72**	30.40
Trustworthy	Chestertown	**2.18**	2.00	**1.50**	....	**8.70**	8.00	**6.10**	5.00	**20.79**	18.40
Medford Fertilizer Works, Medford, Md.											
1-8-5	Medford	**1.01**	1.00	**.35**	....	**8.65**	8.00	**5.20**	5.00	**15.17**	14.40
1-10-5	Medford	**1.09**	1.00	**.70**	....	**10.10**	10.00	**5.28**	5.00	**16.77**	16.00
2-8-5	Medford	**2.05**	2.00	**.25**	....	**8.75**	8.00	**5.92**	5.00	**19.98**	18.40
0-12-5	Medford	....	....	**.45**	....	**12.75**	12.00	**5.24**	5.00	**14.46**	13.60
Fred'k Mehring Fertilizer Works, Inc., Keymar, Md.											
Acid Phosphate	Keymar	....	....	**.90**	....	**16.30**	16.00	....	....	**13.18**	12.80
Big 4	Linwood	**1.06**	1.00	**1.00**	....	**8.80**	9.00	**4.90**	4.00	**15.35**	14.40
Big 4	Keymar	**1.06**	1.00	**1.70**	....	**9.00**	9.00	**4.36**	4.00	**15.19**	14.40
Early Truck Guano	Linwood	**4.06**	4.00	**.30**	....	**8.30**	8.00	**7.20**	7.00	**28.69**	28.00
Early Truck Guano	Keymar	**4.47**	4.00	**.45**	....	**7.35**	8.00	**7.40**	7.00	**29.75**	28.00
Indian Chief	Keymar	**1.86**	2.00	**.45**	....	**12.45**	12.00	**5.20**	6.00	**21.63**	22.40
Mammoth Truck Grower	Linwood	**1.98**	2.00	**1.40**	....	**8.40**	8.00	**5.32**	5.00	**19.11**	18.40
Mammoth Truck Grower	Keymar	**1.98**	2.00	**1.70**	....	**8.00**	8.00	**5.00**	5.00	**18.58**	18.40
Potash Mixture	Keymar	....	....	**.40**	....	**12.10**	12.00	**5.20**	5.00	**13.90**	13.60
Miller Fertilizer Co., Baltimore, Md.											
Superphosphate	Baltimore	....	....	**.95**	....	**16.05**	16.00	....	....	**12.98**	12.80
Superphosphate	Laurel	....	....	**.70**	....	**17.00**	16.00	....	....	**13.71**	12.80
Superphosphate	Preston	....	....	**.25**	....	**16.25**	16.00	....	....	**13.04**	12.80
Superphosphate	Baltimore	....	....	**.80**	....	**16.00**	16.00	....	....	**12.92**	12.80
4-8-7	Baltimore	**3.99**	4.00	**.70**	....	**8.30**	8.00	**7.14**	7.00	**28.42**	28.00
4-8-7	Elkton	**4.16**	4.00	**.60**	....	**8.10**	8.00	**7.20**	7.00	**28.97**	28.00
4-8-7	Baltimore	**4.03**	4.00	**.45**	....	**8.05**	8.00	**7.40**	7.00	**28.55**	28.00
4-8-10	Baltimore	**4.20**	4.00	**.50**	....	**8.20**	8.00	**10.24**	10.00	**31.63**	30.40

Grass and Grain	Elkton	**2.20**	2.00	**.75**	....	**9.05**	9.00	**3.40**	3.00	**18.87**	17.60
Harvest Queen	Baltimore										

4-8-7	Baltimore	**4.03**	4.00	**.45**	....	**8.05**	8.00	**7.40**	7.00	**28.55**	28.0
4-8-10	Baltimore	**4.20**	4.00	**.50**	....	**8.20**	8.00	**10.24**	10.00	**31.63**	30.40
Grass and Grain	Elkton	**2.20**	2.00	**.75**	....	**9.05**	9.00	**3.40**	3.00	**18.87**	17.60
Harvest Queen	Baltimore	**1.14**	1.00	**.45**	....	**9.35**	9.00	**4.56**	4.00	**15.76**	14.40
Harvest Queen	Baltimore	**1.01**	1.00	**.55**	....	**9.15**	9.00	**4.60**	4.00	**15.12**	14.40
Harvest Queen	Mt. Airy	**1.01**	1.00	**.35**	....	**9.15**	9.00	**4.20**	4.00	**14.77**	14.40
No. 1 Potato and Vegetable Grower	Preston	**4.10**	4.00	**1.35**	....	**8.05**	8.00	**4.20**	4.00	**26.40**	25.60
No. 1 Potato and Vegetable Grower	Mt. Airy	**3.89**	4.00	**.70**	....	**8.40**	8.00	**4.40**	4.00	**25.91**	25.60
No. 1 Potato and Vegetable Grower	Preston	**4.03**	4.00	**1.50**	....	**7.70**	8.00	**4.20**	4.00	**25.87**	25.60
No. 1 Potato and Vegetable Grower	Denton	**4.11**	4.00	**1.05**	....	**8.05**	8.00	**4.20**	4.00	**26.40**	25.60
7-6-5	Preston	**6.89**	7.00	**.75**	....	**6.15**	6.00	**5.24**	5.00	**36.78**	36.80
7-6-5	Westover	**7.03**	7.00	**.80**	....	**6.10**	6.00	**5.10**	5.00	**37.20**	36.80
7-6-5	Denton	**6.83**	7.00	**.80**	....	**6.10**	6.00	**5.40**	5.00	**36.64**	36.80
7-6-5	Baltimore	**6.88**	7.00	**.45**	....	**6.15**	6.00	**5.28**	5.00	**36.73**	36.80
10-5-2	Baltimore	**10.07**	10.00	**1.15**	....	**5.15**	5.00	**2.38**	2.00	**46.47**	45.60
10-5-2	Baltimore	**10.09**	10.00	**1.10**	....	**5.30**	5.00	**2.40**	2.00	**46.69**	45.60
10-5-2	Baltimore	**10.24**	10.00	**1.05**	....	**5.15**	5.00	**2.40**	2.00	**47.16**	45.60
10-5-2	Baltimore	**10.23**	10.00	**1.30**	....	**5.20**	5.00	**2.28**	2.00	**47.10**	45.60
0-10-10	Denton	....	....	**.70**	....	**10.00**	10.00	**10.30**	10.00	**16.35**	16.00
0-10-10	Baltimore	....	....	**.60**	....	**10.00**	10.00	**10.30**	10.00	**16.33**	16.00
0-10-10	Baltimore	....	....	**.45**	....	**10.05**	10.00	**10.00**	10.00	**16.11**	16.00
3-8-4	Denton	**3.65**	3.00	**1.60**	....	**7.40**	8.00	**4.64**	4.00	**24.47**	21.60
3-10-6	Alesia	**3.05**	3.00	**.65**	....	**10.55**	10.00	**6.60**	6.00	**26.02**	24.80
2-8-5	Baltimore	**1.93**	2.00	**.20**	....	**8.60**	8.00	**5.20**	5.00	**18.79**	18.40
2-8-5	Baltimore	**2.00**	2.00	**.70**	....	**8.40**	8.00	**5.40**	5.00	**19.15**	18.40
2-8-5	Baltimore	**1.98**	2.00	**.85**	....	**7.85**	8.00	**5.30**	5.00	**18.57**	18.40
2-8-5	Preston	**2.13**	2.00	**1.10**	....	**7.60**	8.00	**5.36**	5.00	**19.06**	18.40
2-8-5	Fowblesburg	**2.03**	2.00	**.20**	....	**8.70**	8.00	**5.24**	5.00	**19.30**	18.40
2-8-5	Elkton	**2.05**	2.00	**.50**	....	**8.20**	8.00	**5.18**	5.00	**18.98**	18.40
2-12-4	Denton	**1.98**	2.00	**.90**	....	**7.20**	8.00	**5.86**	5.00	**18.51**	18.40
0-12-5	Fowblesburg	**2.05**	2.00	**.60**	....	**12.40**	12.00	**4.32**	4.00	**21.67**	20.80
Vegetable Compound	Baltimore	....	....	**.60**	....	**12.50**	12.00	**5.10**	5.00	**14.17**	13.60
Vegetable Compound	Preston	**5.15**	5.00	**1.20**	....	**8.10**	8.00	**5.36**	5.00	**31.55**	30.40
Vegetable Compound	Laurel	**5.20**	5.00	**1.25**	....	**8.25**	8.00	**5.18**	5.00	**31.73**	30.40
Vegetable Compound	Preston	**5.09**	5.00	**.65**	....	**8.35**	8.00	**5.12**	5.00	**31.24**	30.40
Vegetable Compound	Baltimore	**5.05**	5.00	**.35**	....	**8.45**	8.00	**5.10**	5.00	**31.09**	30.40
Vegetable Compound	Baltimore	**5.19**	5.00	**.80**	....	**8.10**	8.00	**5.40**	5.00	**31.68**	30.40
N. V. Potash Export My., Inc., New York, N. Y.											
High Grade Kainit	Baltimore	....	....	....	....	....	....	**20.20**	20.00	....	....
Muriate of Potash	Baltimore	....	....	....	....	....	....	**51.00**	48.00	....	....
Muriate of Potash	Baltimore	....	....	....	....	....	....	**51.90**	48.00	....	....
Sulphate of Potash	Baltimore	....	....	....	....	....	....	**51.50**	48.00	....	....

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
G. Ober & Sons Co., Baltimore, Md.											
Superphosphate H. G.	Baltimore	....	....	2.15	....	16.45	16.00	....	....	$13.48	$12.80
Superphosphate H. G.	Baltimore	....	....	1.05	....	19.45	16.00	....	....	15.72	12.80
Superphosphate H. G.	Baltimore	....	....	1.40	....	16.30	16.00	....	....	13.25	12.80
Superphosphate H. G.	Baltimore	....	....	1.00	....	16.00	16.00	....	....	12.95	12.80
Md. Farm Bureau Superphosphate	Chestertown	....	....	1.20	....	16.10	16.00	....	....	13.06	12.80
Fruit and Vine Truck Guano	Baltimore	4.68	5.00	1.80	....	8.50	8.00	5.10	5.00	29.87	30.40
Fruit and Vine Truck Guano	Chestertown	5.02	5.00	1.70	....	8.00	8.00	5.10	5.00	30.82	30.40
Kainit	Baltimore	....	....	....	....	....	....	16.12	14.00	....	....
Kainit	Baltimore	....	....	....	....	....	....	16.12	14.00	....	....
Lord Calvert Tobacco Fertilizer	Baltimore	4.01	4.00	2.15	....	7.25	8.00	13.52	12.00	32.98	32.00
Lord Calvert Tobacco Fertilizer	Baltimore	3.86	4.00	1.80	....	8.00	8.00	12.00	12.00	31.71	32.00
Lord Calvert Tobacco Fertilizer	Baltimore	3.99	4.00	2.35	....	7.15	8 00	13.38	12.00	32.73	32.00
Lord Calvert Tobacco Fertilizer	Lothian	4.50	4.00	1.00	....	9.20	8.00	12.50	12.00	35.95	32.00
Md. Cigarette Tobacco Fertilizer	Baltimore	5.09	5.00	2.35	....	7.55	8.00	5.40	5.00	31.07	30.40
Md. Cigarette Tobacco Fertilizer	Baltimore	4.98	5.00	2.20	....	7.40	8.00	5.92	5.00	30.91	30.40
Md. Cigarette Tobacco Fertilizer	Baltimore	4.60	5.00	2.25	....	8.05	8.00	5.80	5.00	29.82	30.40
Md. Cigarette Tobacco Fertilizer	Baltimore	4.69	5.00	2.10	....	8.40	8.00	5.94	5.00	30.55	30.40
Md. Tobacco Growers Special	Baltimore	5.14	5.00	2.00	....	8.20	8.00	7.68	7.00	33.56	32.00
Md. Tobacco Growers Special	Baltimore	4.98	5.00	1.10	....	8.20	.00	7.40	7.00	32.57	32.00
Md. Tobacco Growers Special	Baltimore	4.85	5.00	1.50	....	8.10	8.00	7.90	7.00	32.43	32.00
Md. Tobacco Growers Special	Baltimore	5.09	5.00	1.15	....	8.05	8.00	8.62	7.00	33.87	32.00
Md. Tobacco Growers Special	Baltimore	5.00	5.00	.95	....	8.65	8.00	7.30	7.00	32.90	32.00
Nitrate of Soda	Baltimore	19.40	18.00	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	19.07	18.00	....	....	....	....	....	....	....	....
Plant Grower	Waldorf	8.57	8.00	1.40	....	5.50	6.00	9.84	8.00	46.76	43.20
Plant Grower	Baltimore	8.21	8.00	1.20	....	6.00	6.00	9.68	8.00	45.56	43.20
Plant Grower	Baltimore	8.19	8.00	1.30	....	6.20	6.00	9.50	8.00	45.52	43.20
Plant Grower	Baltimore	8.36	8.00	1.30	....	6.00	6.00	9.70	8.00	46.20	43.20
Plant Grower	Baltimore	8.14	8.00	1.35	....	6.25	6.00	9.60	8.00	45.44	43.20
Plant Grower	Baltimore	8.41	8.00	1.20	....	6.00	6.00	9.60	8.00	46.30	43.20
Plant Grower	Baltimore	8.31	8.00	1.25	....	6.15	6.00	8.40	8.00	45.07	43.20
Plant Grower	Baltimore	8.09	8.00	1.20	....	6.20	6.00	8.34	8.00	44.17	43.20

Pocahontas Mixture	Baltimore	2.18	2.00	2.00							

Plant Grower	Baltimore	**8.31**	8.00	**1.25**	....	**6.15**	6.00	**8.40**	8.00	**45.07**	43.20
Plant Grower	Baltimore	**8.09**	8.00	**1.20**	....	**6.20**	6.00	**8.34**	8.00	**44.17**	43.20
Pocahontas Mixture	Baltimore	**2.18**	2.00	**2.90**	....	**11.70**	12.00	**8.36**	8.00	**25.21**	24.00
Red Seal Corn and Wheat Guano	Baltmore	**2.01**	2.00	**2.05**	....	**11.35**	12.00	**4.00**	4.00	**20.63**	20.80
Red Seal Tobacco Fertilizer	Baltimore	**3.87**	4.00	**1.95**	....	**8.25**	8.00	**5.24**	5.00	**26.56**	26.40
Refined Ground Bone	Baltimore	**4.54**	4.50	....	....	***22.40**	*21.00	....	....	**31.60**	30.60
Royal Crown Tobacco Guano	Baltimore	**3.83**	4.00	**1.75**	....	**7.15**	8.00	**12.00**	10.00	**30.90**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.99**	4.00	**1.90**	....	**7.10**	8.00	**12.12**	10.00	**31.63**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.98**	4.00	**2.10**	....	**8.10**	8.00	**10.00**	10.00	**30.72**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.98**	4.00	**1.85**	....	**8.85**	8.00	**9.60**	10.00	**30.96**	30.40
Royal Crown Tobacco Guano	Baltimore	**4.15**	4.00	**1.15**	....	**8.25**	8.00	**10.36**	10.00	**31.66**	30.40
Special Plant Food	Baltimore	**4.01**	4.00	**1.50**	....	**8.10**	8.00	**11.76**	10.00	**32.16**	30.40
Special Plant Food	Baltimore	**2.00**	2.00	**1.45**	....	**8.05**	8.00	**5.20**	5.00	**18.82**	18.40
Special Tobacco Mixture	Baltimore	**2.68**	2.00	**1.60**	....	**9.50**	8.00	**5.12**	5.00	**22.66**	18.40
Special Tobacco Bed Fertilizer	Baltimore	**2.05**	2.00	**1.65**	....	**8.35**	8.00	**10.30**	10.00	**23.37**	22.40
Special Tobacco Bed Fertilizer	Baltimore	**10.50**	10.00	**1.15**	....	**4.75**	5.00	**2.40**	2.00	**47.89**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.74**	10.00	**1.10**	....	**5.20**	5.00	**2.40**	2.00	**49.21**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.38**	10.00	**1.15**	....	**5.05**	5.00	**2.36**	2.00	**47.62**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.05**	10.00	**1.25**	....	**5.05**	5.00	**3.00**	2.00	**46.83**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.24**	10.00	**1.15**	....	**5.05**	5.00	**2.40**	2.00	**47.09**	45.60
Special Tobacco Bed Fertilizer	Waldorf	**10.19**	10.00	**1.50**	....	**5.00**	5.00	**2.40**	2.00	**46.91**	45.60
Special Tobacco Bed Fertilizer	Waldorf	**10.07**	10.00	**1.25**	....	**5.05**	5.00	**2.84**	2.00	**46.78**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.41**	10.00	**1.20**	....	**4.80**	5.00	**2.96**	2.00	**48.03**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**10.28**	10.00	**1.30**	....	**4.70**	5.00	**2.96**	2.00	**47.45**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.78**	10.00	**1.35**	....	**5.15**	5.00	**2.80**	2.00	**45.68**	45.60
Stag Guano	Baltimore	**1.02**	1.00	**.85**	....	**9.05**	9.00	**4.00**	4.00	**14.65**	14.40
Stag Guano	Baltimore	**1.13**	1.00	**1.25**	....	**9.35**	9.00	**4.36**	4.00	**15.68**	14.40
Standard Southern Vegetable Compound	Baltimore	**6.31**	7.00	**1.05**	....	**6.35**	6.00	**5.10**	5.00	**34.56**	36.80
Standard Southern Vegetable Compound	Westover	**6.81**	7.00	**1.00**	....	**6.40**	6.00	**5.40**	5.00	**36.83**	36.80
Starkey Truck Compound	Baltimore	**4.20**	4.00	**1.40**	....	**8.10**	8.00	**5.00**	5.00	**27.49**	26.40
Starkey Truck Compound	Baltimore	**4.06**	4.00	**.90**	....	**8.50**	8.00	**5.92**	5.00	**27.92**	26.40
Sulphate of Ammonia	Baltimore	**24.96**	25.00	....	....	....	....	....	....	....	....
Superior Potato and Vegetable Compound	Baltimore	**2.12**	2.00	**1.50**	....	**8.20**	8.00	**10.40**	10.00	**23.59**	22.40
Super Wheat and Grain Grower	Baltimore	**3.04**	3.00	**2.75**	....	**11.05**	12.00	**3.60**	3.00	**24.29**	24.00
Super Wheat and Grain Grower	Baltimore	**3.00**	3.00	**2.55**	....	**11.15**	12.00	**3.50**	3.00	**24.10**	24.00
Super Wheat and Grain Grower	Baltimore	**3.00**	3.00	**2.75**	....	**10.95**	12.00	**3.60**	3.00	**24.05**	24.00
Swan E Guano	Baltimore	**1.91**	2.00	**1.30**	....	**9.10**	9.00	**3.00**	3.00	**17.52**	17.60
Swan E Guano	Baltimore	**2.05**	2.00	**2.00**	....	**8.70**	9.00	**3.40**	3.00	**18.18**	17.60
Swan E Guano	Baltimore	**2.03**	2.00	**1.50**	....	**9.10**	9.00	**3.04**	3.00	**18.06**	17.60
Swan E Guano	Baltimore	**2.00**	2.00	**1.65**	....	**9.05**	9.00	**3.08**	3.00	**17.95**	17.60
Tobacco Plant Food	Baltimore	**2.15**	2.00	**1.40**	....	**9.40**	9.00	**5.00**	5.00	**20.33**	19.20
Twelve and Five Potash Compound	Baltimore	....	....	**1.70**	....	**12.30**	12.00	**5.20**	5.00	**14.26**	13.60
Twelve and Five Potash Compound	Reid's Grove	....	....	**1.05**	....	**12.05**	12.00	**5.30**	5.00	**14.00**	13.60
Md. Farm Bureau 2-8-5	Chestertown	**2.00**	2.00	**1.50**	....	**8.40**	8.00	**5.10**	5.00	**19.03**	18.40

*** Total phosphoric acid.**

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Pacific Manure & Fert. Co., San Francisco, Calif.											
Groz-It Brand Pulverized Sheep Manure	Baltimore	**1.78**	1.80	....	....	***.80**	*.75	**3.00**	2.50	**$10.00**	$9.65
Patuxent Guano Co., Baltimore, Md.											
Grain and Clover Producer	Baltimore	**1.13**	1.00	**.55**	....	**8.35**	8.00	**5.30**	5.00	**15.52**	14.40
Tip Top Fertilizer	Baltimore	**2.01**	2.00	**.60**	....	**9.10**	8.00	**9.76**	10.00	**23.22**	22.40
Peerless Fertilizer Co., Chestertown, Md.											
Early Trucker	Chestertown	**5.32**	5.00	**.50**	....	**8.80**	8.00	**5.16**	5.00	**32.53**	30.40
Fish Mixture	Chestertown	**3.82**	3.00	**.50**	....	**8.10**	8.00	**7.90**	7.00	**28.16**	24.00
Imperial Compound	Chestertown	**1.60**	1.00	**.75**	....	**10.05**	9.00	**4.72**	4.00	**18.33**	14.40
Peerless	Chestertown	**2.56**	2.00	**.45**	....	**8.45**	8.00	**5.24**	5.00	**21.26**	18.40
Seven-Six-Five	Chestertown	**7.08**	7.00	**.60**	....	**6.30**	6.00	**5.40**	5.00	**37.77**	36.80
Piedmont-Mt. Airy Guano Co., Inc., Baltimore, Md.											
5-8-5 Fertilizer	Baltimore	**5.02**	5.00	**.20**	....	**8.30**	8.00	**5.10**	5.00	**30.83**	30.40
Harvest Queen	Mt. Airy	**1.30**	1.00	**.65**	....	**8.05**	8.00	**4.40**	4.00	**15.26**	13.60
Peerless Phosphate	Mt. Airy	**1.26**	1.00	**.80**	....	**8.00**	8.00	**3.40**	3.00	**14.28**	12.80
Perfection Guano	Mt. Airy	**2.10**	2.00	**1.10**	....	**7.90**	8.00	**5.24**	5.00	**19.06**	18.40
Unexcelled Guano	Mt. Airy	**4.01**	4.00	**1.95**	....	**8.15**	8.00	**4.40**	4.00	**26.37**	25.60
Plantabbs Corp., Baltimore, Md.											
Plantabbs	Baltimore	**13.45**	13.35	....	....	***19.10**	*17.00	**25.28**	20.00	**85.48**	79.60
Pulverized Manure Co., Chicago, Ill.											
Wizard Brand Cattle Manure	Baltimore	**2.86**	2.43	....	....	***1.30**	*1.00	**2.00**	1.00	**13.82**	11.12
Wizard Brand Pulverized Sheep Manure	Baltimore	**2.38**	2.43	....	....	***1.30**	*1.00	**3.90**	2.00	**13.42**	11.92
Wizard Brand Pulverized Sheep Manure	Baltimore	**2.46**	2.43	....	....	***.80**	*1.00	**2.96**	2.00	**12.69**	11.92
Ramsburg Fertilizer Co., Frederick, Md.											
Super Phosphate	Myersville	....	....	**.15**	....	**16.45**	16.00	....	....	**13.18**	12.80
Ammoniated Bone Phosphate	Frederick	**1.02**	1.00	**.10**	....	**13.00**	10.00	**3.32**	4.00	**17.16**	15.20
Ammoniated Bone Phosphate	Myersville	**1.13**	1.00	**.10**	....	**12.30**	10.00	**3.68**	4.00	**17.32**	15.20
Corn and Potato Fertilizer	Frederick	**1.04**	1.00	**.15**	....	**12.45**	10.00	**4.08**	5.00	**17.40**	16.00

Ammoniated Bone Phosphate	Frederick	**1.02**	1.00	**.10**	....	**13.00**	10.00	**3.32**	4.00	**17.16**	15.20
Ammoniated Bone Phosphate	Myersville	**1.13**	1.00	**.10**	....	**12.30**	10.00	**3.68**	4.00	**17.32**	15.20
Corn and Potato Fertilizer	Frederick	**1.04**	1.00	**.15**	....	**12.45**	10.00	**4.08**	5.00	**17.40**	16.00
Excelsior Plant Food	Frederick	**1.83**	2.00	**.50**	....	**12.20**	10.00	**3.56**	4.00	**20.01**	19.20
High Grade Trucking Fertilizer	Frederick	**4.15**	4.00	**.15**	....	**10.65**	8.00	**4.00**	4.00	**28.34**	25.60
Rock, Potash and Plaster	Frederick	....	....	**2.25**	....	**5.45**	5.50	**4.74**	3.00	**8.49**	6.80
Special Mixture for Tomatoes and Tobacco	Frederick	**2.01**	2.00	**.35**	....	**11.55**	8.00	**5.50**	6.00	**21.73**	19.20
Special Mixture for Tomatoes and Tobacco	Frederick	**2.10**	2.00	**.15**	....	**10.95**	8.00	**6.40**	6.00	**22.30**	19.20
Special Mixture for Tomatoes and Tobacco	Myersville	**2.20**	2.00	**.10**	....	**12.10**	8.00	**5.28**	6.00	**22.72**	19.20
Rasin-Monumental Co., Baltimore, Md.											
Seawall Truck Compound	Baltimore	**5.09**	5.00	**1.30**	....	**8.70**	8.00	**5.10**	5.00	**31.60**	30.40
Reindollar Company, Taneytown, Md.											
Superphosphate	Taneytown	....	....	**.10**	....	**18.20**	16.00	....	....	**14.58**	12.80
Crop Grower	Taneytown	**1.96**	2.00	**1.55**	....	**8.75**	8.00	**5.24**	5.00	**19.26**	18.40
Grain Grower	Taneytown	**2.01**	2.00	**1.15**	....	**11.35**	10.00	**5.20**	5.00	**21.45**	20.00
Rock and Potash	Taneytown	....	....	**.75**	....	**14.25**	12.00	**6.24**	6.00	**16.50**	14.40
Rhode Corporation, Baltimore, Md.											
Plant Tablets	Baltimore	**16.04**	18.21	....	....	***19.50**	*16.75	**25.20**	20.00	**96.02**	98.89
W. E. Robinson & Co., Bel Air, Md.											
Special Mixture 4-8-4	Fallston	**2.95**	4.00	**1.00**	....	**10.70**	8.00	**3.20**	4.00	**23.07**	25.60
Special Mixture 2-8-5	Fallston	**2.22**	2.00	**1.15**	....	**8.45**	8.00	**5.40**	5.00	**20.13**	18.40
F. S. Royster Guano Co., Baltimore, Md.											
Superphosphate	Gaithersburg	....	....	**1.00**	....	**17.20**	16.00	....	....	**13.91**	12.80
Arrow 7% Potato Guano	Baltimore	**6.65**	7.00	**.20**	....	**7.30**	6.00	**5.20**	5.00	**36.63**	36.80
Arrow 7% Potato Guano	Salisbury	**6.86**	7.00	**.85**	....	**6.55**	6.00	**5.12**	5.00	**36.91**	36.80
Arrow 7% Potato Guano	Salisbury	**6.83**	7.00	**1.30**	....	**6.20**	6.00	**5.30**	5.00	**36.72**	36.80
Banner Guano	Salisbury	**2.05**	2.00	**.35**	....	**8.65**	8.00	**10.24**	10.00	**23.36**	22.40
Banner Guano	Port Deposit	**2.06**	2.00	**.70**	....	**8.60**	8.00	**10.38**	10.00	**23.53**	22.40
Bully Guano	Chestertown	**2.08**	2.00	**.60**	....	**8.80**	8.00	**5.00**	5.00	**19.45**	18.40
Bully Guano	Lineboro	**2.15**	2.00	**.80**	....	**8.50**	8.00	**5.18**	5.00	**19.66**	18.40
Bully Guano	Berwyn	**2.06**	2.00	**.85**	....	**8.05**	8.00	**5.34**	5.00	**19.08**	18.40
Bully Guano	Port Deposit	**2.12**	2.00	**.55**	....	**8.85**	8.00	**5.10**	5.00	**19.72**	18.40
Curlew Guano	Lineboro	**3.14**	3.00	**1.10**	....	**10.50**	10.00	**6.40**	6.00	**26.25**	24.80
Ideal Guano	Baltimore	**3.36**	3.00	**.70**	....	**8.50**	8.00	**8.40**	8.00	**26.97**	24.80
Ideal Guano	Baltimore	**3.09**	3.00	**.75**	....	**8.25**	8.00	**8.30**	8.00	**25.71**	24.80
Fine Ground Bone Meal	Berwyn	**3.07**	3.00	....	....	***27.90**	*22.90	....	....	**29.02**	25.74
Kainit	Baltimore	....	....	....	....	....	....	**15.52**	14.00	....	....
Prize Guano	Baltimore	**3.98**	4.00	**.70**	....	**8.00**	8.00	**10.36**	10.00	**30.72**	30.40
Prize Guano	Baltimore	**3.99**	4.00	**.60**	....	**8.40**	8.00	**10.00**	10.00	**30.77**	30.40
Rational Guano	Rockville	**1.09**	1.00	**.65**	....	**9.95**	9.00	**4.16**	4.00	**15.75**	14.40

* Total phosphoric acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
F. S. Royster Guano Co., Baltimore (Continued)											
Raw Bone Meal	Berwyn	**4.78**	4.50	....	....	***21.70**	*20.60	....	....	**$32.14**	$30.36
Sheep and Goat Manure	Port Deposit	**1.62**	1.50	....	....	***1.20**	*1.00	**2.94**	2.00	**9.55**	8.20
Trucker's Delight	Rockville	**4.13**	4.00	**.25**	....	**9.25**	8.00	**4.20**	4.00	**27.32**	25.60
Trucker's Delight	Gaithersburg	**4.04**	4.00	**1.05**	....	**8.75**	8.00	**4.20**	4.00	**26.68**	25.60
Trucker's Delight	Baltimore	**3.87**	4.00	**.85**	....	**8.35**	8.00	**4.08**	4.00	**25.55**	25.60
Verbena Guano	Chestertown	**5.00**	5.00	**1.00**	....	**8.60**	8.00	**5.00**	5.00	**31.03**	30.40
Verbena Guano	Berwyn	**5.02**	5.00	**.85**	....	**8.55**	8.00	**5.20**	5.00	**31.21**	30.40
Verbena Guano	Rockville	**5.00**	5.00	**.70**	....	**8.80**	8.00	**5.00**	5.00	**31.15**	30.40
Verbena Guano	Baltimore	**5.05**	5.00	**.85**	....	**8.05**	8.00	**5.20**	5.00	**30.93**	30.40
Verbena Guano	Baltimore	**5.00**	5.00	**1.25**	....	**8.05**	8.00	**5.10**	5.00	**30.71**	30.40
R. H. Slingluff Fertilizer Co., Baltimore, Md.											
Big and Bright Tobacco	Baltimore	**4.21**	4.00	**.10**	....	**8.50**	8.00	**5.14**	5.00	**27.77**	26.40
Big and Bright Tobacco	Baltimore	**3.98**	4.00	**.80**	....	**8.20**	8.00	**5.10**	5.00	**26.68**	26.40
Big and Bright Tobacco	Baltimore	**4.20**	4.00	**.30**	....	**8.10**	8.00	**5.24**	5.00	**27.52**	26.40
Champion Fertilizer	Baltimore	**2.18**	2.00	**.70**	....	**8.00**	8.00	**6.00**	5.00	**20.03**	18.40
Long Red Tobacco	Baltimore	**4.15**	4.00	**.25**	....	**8.55**	8.00	**10.20**	10.00	**31.64**	30.40
10% Tobacco Bed Special, with 2% Potash	Baltimore	**9.73**	10.00	**.40**	....	**5.70**	5.00	**2.36**	2.00	**45.43**	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	**9.76**	10.00	**.45**	....	**5.15**	5.00	**2.16**	2.00	**44.96**	45.60
10% Tobacco Bed Special, with 2% Potash	Baltimore	**9.75**	10.00	**.50**	....	**5.40**	5.00	**2.20**	2.00	**45.16**	45.60
Sidney R. Solomon, Baltimore, Md.											
5-8-5	Raspeburg	**4.69**	5.00	**.95**	....	**8.15**	8.00	**5.24**	5.00	**29.61**	30.40
4-8-4	Raspeburg	**4.04**	4.00	**1.25**	....	**8.55**	8.00	**4.04**	4.00	**26.42**	25.60
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.											
Superphosphate	Baltimore	....	....	**1.25**	....	**19.55**	20.00	....	....	**15.83**	16.00
Superphosphate	Baltimore	....	....	**.85**	....	**17.35**	16.00	....	....	**14.01**	12.80
Superphosphate	Hagerstown	....	....	**1.10**	....	**16.30**	16.00	....	....	**13.21**	12.80
Superphosphate	Waldorf	....	....	**.70**	....	**16.85**	16.00	....	....	**13.59**	12.80
Superphosphate	Baltimore	....	....	**.95**	....	**16.05**	16.00	....	....	**12.98**	12.80
Accomac Peninsula King	Preston	**4.98**	5.00	**.50**	....	**8.40**	8.00	**6.30**	5.00	**31.76**	30.40
Accomac Peninsula King	Silver Spring	**4.81**	5.00	**.75**	....	**8.75**	8.00	**5.40**	5.00	**30.67**	30.40

Accomac Peninsula King	Preston	**4.98**	5.00	**.50**	....	**8.40**	8.00	**6.30**	5.00	**31.76**	30.40
Accomac Peninsula King	Silver Spring	**4.81**	5.00	**.75**	....	**8.75**	8.00	**5.40**	5.00	**30.67**	30.40
Accomac Peninsula King	Catonsville	**5.32**	5.00	**.90**	....	**8.10**	8.00	**5.08**	5.00	**31.96**	30.40
Accomac Peninsula King	Jessup	**5.00**	5.00	**1.00**	....	**7.70**	8.00	**5.30**	5.00	**30.55**	30.40
Big Four Crop Grower	Baltimore	**1.79**	1.00	**.70**	....	**9.10**	9.00	**4.38**	4.00	**18.05**	14.40
Champion Potato Grower	Baltimore	**3.17**	3.00	**.65**	....	**12.45**	12.00	**5.38**	5.00	**27.04**	25.60
Evergreen Fish Guano	Baltimore	**4.30**	4.00	**.70**	....	**8.70**	8.00	**4.30**	4.00	**27.71**	25.60
Evergreen Fish Guano	Baltimore	**4.56**	4.00	**.80**	....	**7.80**	8.00	**4.34**	4.00	**28.07**	25.60
Fish Bone and Potash	Baltimore	**5.02**	5.00	**.75**	....	**8.35**	8.00	**7.10**	7.00	**32.55**	32.00
Fish Bone and Potash	Baltimore	**5.10**	5.00	**.90**	....	**8.90**	8.00	**7.60**	7.00	**33.74**	32.00
Fish Bone and Potash	Baltimore	**5.58**	5.00	**.50**	....	**8.70**	8.00	**7.40**	7.00	**35.28**	32.00
5-10-5	Hagerstown	**4.98**	5.00	**.25**	....	**10.75**	10.00	**5.40**	5.00	**32.88**	32.00
Gardners Friend	Mt. Lake Park	**2.30**	2.00	**1.15**	....	**9.55**	9.00	**3.20**	3.00	**19.57**	17.60
General Use Guano	Sykesville	**2.44**	2.00	**1.10**	....	**11.60**	12.00	**4.28**	4.00	**22.63**	20.80
General Use Guano	Jessup	**3.14**	2.00	**1.10**	....	**11.30**	12.00	**4.92**	4.00	**25.71**	20.80
Jumbo Potato Grower	Baltimore	**7.03**	7.00	**.70**	....	**6.10**	6.00	**5.16**	5.00	**37.24**	36.80
Kainit	Baltimore	....	....	....	....	....	....	**15.98**	12.40	....	....
Kainit	Sykesville	....	....	....	....	....	....	**12.60**	12.40	....	....
Maryland Special	Jessup	**3.00**	3.00	**.95**	....	**8.25**	8.00	**8.40**	8.00	**25.46**	24.80
Mammoth Potato Grower	Preston	**2.76**	2.00	**.45**	....	**8.45**	8.00	**10.00**	10.00	**25.87**	22.40
Mammoth Potato Grower	Owings Mills	**2.41**	2.00	**.45**	....	**8.65**	8.00	**8.88**	10.00	**23.73**	22.40
Mammoth Truck Grower	Thurmont	**1.98**	2.00	**.75**	....	**8.45**	8.00	**5.70**	5.00	**19.35**	18.40
Mammoth Truck Grower	Rockville	**2.54**	2.00	**.50**	....	**10.50**	8.00	**5.40**	5.00	**22.96**	18.40
Mammoth Truck Grower	Waldorf	**2.20**	2.00	**.70**	....	**9.00**	8.00	**8.00**	5.00	**22.51**	18.40
Muriate of Potash	Waldorf	....	....	....	....	....	....	**48.00**	48.00	....	....
Nitrate of Soda	Baltimore	**19.18**	18.00	....	....	....	....	....	....	....	....
Nitrate of Soda	Waldorf	**18.84**	18.00	....	....	....	....	....	....	....	....
Nitrate of Soda	Sykesville	**19.46**	18.00	....	....	....	....	....	....	....	....
Nitrate of Soda	Jessup	**19.06**	18.00	....	....	....	....	....	....	....	....
Raw Bone Meal	Catonsville	**4.83**	4.50	....	....	***20.30**	*22.00	....	....	**31.50**	31.20
Royal Potato Grower	Hagerstown	**3.99**	4.00	**.55**	....	**8.85**	8.00	**7.22**	7.00	**28.90**	28.00
Royal Potato Grower	Breathedsville	**4.13**	4.00	**.60**	....	**8.70**	8.00	**7.32**	7.00	**29.43**	28.00
Service Mixture	Owings Mills	**2.29**	2.00	**1.20**	....	**12.50**	12.00	**6.38**	6.00	**24.44**	22.40
Steamed Bone Meal	Owings Mills	**4.11**	3.00	....	....	***21.60**	*22.00	....	....	**29.40**	25.20
Sulphate of Ammonia	Baltimore	**25.20**	25.00	....	....	....	....	....	....	....	....
Sulphate of Ammonia	Waldorf	**25.24**	25.00	....	....	....	....	....	....	....	....
Sulphate of Potash	Baltimore	....	....	....	....	....	....	**49.30**	48.00	....	....
Sulphate of Potash	Baltimore	....	....	....	....	....	....	**50.80**	48.00	....	....
Sulphate of Potash	Waldorf	....	....	....	....	....	....	**49.66**	48.00	....	....
Summers Fertilizer Co., Inc., Baltimore, Md.											
Superphosphate	Baltimore	....	....	**1.10**	....	**16.70**	16.00	....	....	**13.53**	12.80
Superphosphate	Reisterstown	....	....	**.90**	....	**16.30**	16.00	....	....	**13.18**	12.80
"Best on Earth" 4-8-7 Fertilizer	Baltimore	**3.79**	4.00	**1.65**	....	**8.25**	8.00	**7.04**	7.00	**27.64**	28.00

*** Total phosphoric acid.**

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Summers Fertilizer Co., Inc. (Continued)											
"Best on Earth" Kainit	Baltimore	....	....	....	....	....	....	**14.04**	12.40	....	....
Nitrate of Soda	Reisterstown	**19.26**	18.00	....	....	....	....	....	....	....	....
"Best on Earth" Potato Special	Reisterstown	**6.13**	7.00	**.70**	....	**7.20**	6.00	**6.60**	5.00	**$35.67**	$36.80
"Best on Earth" Potato Special	Reisterstown	**6.14**	7.00	**.95**	....	**7.55**	6.00	**6.80**	5.00	**36.18**	36.80
"Best on Earth" 2-8-5	Baltimore	**2.15**	2.00	**1.25**	....	**8.25**	8.00	**5.26**	5.00	**19.60**	18.40
"Best on Earth" 2-8-10	Baltimore	**2.00**	2.00	**1.15**	....	**8.05**	8.00	**10.40**	10.00	**22.93**	22.40
Swift & Company, Baltimore, Md.											
Red Steer 5-8-5	Baltimore	**5.09**	5.00	**.35**	....	**7.85**	8.00	**5.24**	5.00	**30.88**	30.40
Red Steer 5-8-5	Baltimore	**5.10**	5.00	**.25**	....	**8.05**	8.00	**5.00**	5.00	**30.88**	30.40
Red Steer 5-8-5	Annapolis	**4.91**	5.00	**.25**	....	**8.35**	8.00	**5.16**	5.00	**30.49**	30.40
Red Steer 5-8-5	Baltimore	**5.17**	5.00	**.70**	....	**8.00**	8.00	**5.12**	5.00	**31.29**	30.40
Red Steer 4-8-4	Baltimore	**3.67**	4.00	**.25**	....	**8.85**	8.00	**4.32**	4.00	**25.26**	25.60
Red Steer 4-8-12	Baltimore	**4.20**	4.00	**.50**	....	**8.10**	8.00	**12.20**	12.00	**33.12**	32.00
Red Steer 4-8-7	Baltimore	**4.03**	4.00	**.15**	....	**8.05**	8.00	**7.00**	7.00	**28.18**	28.00
Red Steer 1-9-4	Baltimore	**1.64**	1.00	**.35**	....	**11.75**	9.00	**5.00**	4.00	**20.01**	14.40
Raw Bone Meal Fertilizer	Annapolis	**4.85**	4.50	....	....	***19.60**	*20.00	....	....	**31.16**	30.00
Red Steer 7-6-5	Baltimore	**6.88**	7.00	**.05**	....	**6.25**	6.00	**5.00**	5.00	**36.53**	36.80
Red Steer 7-6-5	Annapolis	**6.50**	7.00	**.35**	....	**7.35**	6.00	**4.80**	5.00	**35.77**	36.80
Red Steer 10-5-0	Baltimore	**9.51**	10.00	**.15**	....	**5.85**	5.00	....	....	**42.74**	44.00
Red Steer 10-5-0	Clinton	**9.25**	10.00	**.10**	....	**5.50**	5.00	....	....	**41.42**	44.00
Red Steer 10-16-10	Baltimore	**9.98**	10.00	**.25**	....	**16.75**	16.00	**10.40**	10.00	**61.68**	60.80
Red Steer 2-8-5	Baltimore	**1.98**	2.00	**.30**	....	**8.50**	8.00	**5.00**	5.00	**18.77**	18.40
Red Steer 2-12-2	Baltimore	**2.18**	2.00	**.95**	....	**12.05**	12.00	**3.00**	2.00	**20.90**	19.20
Vigoro	Baltimore	**4.92**	4.86	**2.45**	....	**12.05**	12.00	**4.00**	4.00	**32.89**	32.24
Tennessee Corp., Lockland, Ohio.											
Loma	Baltimore	**5.65**	5.00	**.65**	....	**10.40**	10.00	**4.16**	4.00	**34.37**	31.20
Thomas & Company, Gaithersburg, Md.											
Superphosphate	Frederick	....	....	**.70**	....	**19.50**	16.00	....	....	**15.71**	12.80
Rock and Potash	Frederick	....	....	**1.00**	....	**14.20**	12.00	**4.48**	5.00	**15.09**	13.60

Superphosphate	Frederick	....	....	.70	....	19.50	16.00	....	....	15.71	12.80
Rock and Potash	Frederick	....	....	1.00	....	14.20	12.00	4.48	5.00	15.09	13.60
Sure Crop	Frederick	3.24	2.00	1.95	....	8.35	12.00	7.99	6.00	26.32	22.40
Wheat and Grass Grower	Gaithersburg	2.66	2.00	1.05	....	8.75	8.00	5.00	5.00	21.80	18.40
Wheat and Grass Grower	Frederick	1.18	2.00	2.10	....	11.10	8.00	4.45	5.00	17.48	18.40
Wm. B. Tilghman Co., Salisbury, Md.											
Super Phosphate	Hurlock	....	....	.10	....	18.40	16.00	....	....	14.74	12.80
Early Truck Guano	Preston	5.20	5.00	.20	....	8.70	8.00	5.40	5.00	32.11	30.40
Early Truck Guano	Hurlock	6.97	5.00	.50	....	7.10	8.00	5.36	5.00	37.93	30.40
Early Truck Guano	Salisbury	5.20	5.00	.65	....	8.35	8.00	5.00	5.00	31.58	30.40
Early Truck Guano	Vienna	5.49	5.00	.65	....	8.65	8.00	5.28	5.00	33.20	30.40
Early Truck Guano	Princess Anne	5.20	5.00	.65	....	9.15	8.00	5.10	5.00	32.30	30.40
Early Truck Guano	Hurlock	5.22	5.00	.70	....	8.30	8.00	4.70	5.00	31.39	30.40
Irish P. Guano	Preston	7.20	7.00	.50	....	6.80	6.00	5.30	5.00	38.56	36.80
Irish P. Guano	Salisbury	6.89	7.00	.40	....	8.00	6.00	5.40	5.00	38.34	36.80
Irish P. Guano	Vienna	7.42	7.00	.45	....	6.65	6.00	5.40	5.00	39.39	36.80
Melon Mixture	Salisbury	4.40	4.00	1.70	....	7.70	8.00	6.76	6.00	29.43	27.20
Mixture "A"	Salisbury	4.30	4.00	.70	....	8.40	8.00	10.36	10.00	32.32	30.40
Mixture "B"	Salisbury	4.32	4.00	.55	....	8.05	8.00	5.12	4.00	27.90	25.60
Mixture "B"	Hurlock	4.35	4.00	.35	....	8.55	8.00	4.36	4.00	27.78	25.60
Mixture "B"	Princess Anne	4.18	4.00	.90	....	8.00	8.00	5.36	4.00	27.55	25.60
Pure Raw Bone Meal	Hurlock	4.95	4.50	....	....	*21.30	*21.50	....	....	32.58	30.90
"S. P." Mixture	Preston	3.19	3.00	.65	....	8.45	8.00	8.40	8.00	26.34	24.80
Standard	Hurlock	2.61	2.00	.50	....	8.10	8.00	6.40	5.00	22.12	18.40
Standard	Preston	2.42	2.00	.40	....	8.20	8.00	5.32	5.00	20.56	18.40
Standard	Salisbury	2.63	2.00	.70	....	7.50	8.00	6.80	5.00	22.07	18.40
Topdresser	Salisbury	6.07	6.00	.25	....	6.15	6.00	6.20	6.00	34.20	33.60
F. W. Tunnell & Co., Inc., Philadelphia, Pa.											
Acid Phosphate	Colora	....	....	1.35	....	17.45	16.00	....	....	14.16	12.80
Fish Manure with Potash	Colora	2.44	2.00	.65	....	10.85	10.00	6.60	6.00	23.82	20.80
Raw Ground Bone	Colora	4.65	4.50	....	....	*22.40	*21.50	....	....	32.04	30.90
Red Diamond Potato and Truck Guano	Colora	2.12	2.00	.75	....	8.05	8.00	11.40	10.00	24.15	22.40
Three M Potato Manure	Colora	4.06	4.00	.45	....	9.25	8.00	8.00	7.00	30.11	28.00
Veribest Cereal Manure	Colora	2.05	2.00	.75	....	8.65	8.00	5.00	5.00	19.23	18.40
Virginia Potato Manure	Girdletree	7.37	7.00	.90	....	6.30	6.00	5.40	5.00	38.98	36.80
Wheat and Cereal Manure	Colora	1.37	1.00	.20	....	10.00	9.00	5.00	4.00	17.51	14.40
E. S. Valliant & Son, Centreville, Md.											
Corn Mixture	Centreville	....	....	.40	....	7.00	7.00	7.50	7.00	11.66	11.20
Favorite	Centreville	1.47	1.00	.30	....	9.90	9.00	5.20	5.00	18.01	15.20
Fish Mixture	Centreville	2.22	2.00	.20	....	9.10	9.00	6.40	6.00	21.31	20.00
Fish Mixture	Centreville	2.22	2.00	.80	....	9.20	9.00	6.16	6.00	21.29	20.00
5-8-5	Centreville	5.07	5.00	.55	....	8.45	8.00	5.36	5.00	31.41	30.40

* Total phosphoric acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
				Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
E. S. Valliant & Son, Centreville (Continued)											
5-10-5	Centreville	**4.57**	5.00	**.30**	....	**10.30**	10.00	**5.32**	5.00	**$30.83**	$32.00
4-8-4	Centreville	**3.98**	4.00	**.65**	....	**8.25**	8.00	**5.16**	4.00	**26.75**	25.60
Keystone	Centreville	**2.27**	2.00	**.65**	....	**8.25**	8.00	**5.24**	5.00	**19.97**	18.40
Truck Special	Centreville	**4.08**	4.00	**.50**	....	**9.30**	9.00	**6.24**	6.00	**28.83**	28.00
Winner	Centreville	**2.12**	2.00	**.60**	....	**8.10**	8.00	**11.20**	10.00	**24.01**	22.40
Virginia-Carolina Chemical Corp., Baltimore, Md.											
V-C Superphosphate	Baltimore	....	....	**1.15**	....	**16.25**	16.00	....	....	**13.17**	12.80
BloomAid Tablet Form	Baltimore	**12.12**	12.00	**.60**	....	**14.40**	14.00	**6.80**	6.00	**65.53**	64.00
V-C Cottonseed Formula for Tobacco	Baltimore	**5.15**	5.00	**.15**	....	**4.65**	4.00	**5.00**	5.00	**28.34**	27.20
V-C Double Owl Brand	Baltimore	**3.99**	4.00	**1.60**	....	**8.50**	8.00	**7.48**	7.00	**28.98**	28.00
V-C Fish, Bone and Potash	Baltimore	**2.39**	2.00	**1.85**	....	**9.45**	9.00	**3.24**	3.00	**19.99**	17.60
V-C Fish, Bone and Potash	Baltimore	**2.12**	2.00	**1.40**	....	**10.00**	9.00	**3.40**	3.00	**19.41**	17.60
V-C Fish, Bone and Potash	Baltimore	**2.12**	2.00	**1.35**	....	**9.95**	9.00	**4.10**	3.00	**19.92**	17.60
V-C Fish, Bone and Potash	Baltimore	**2.06**	2.00	**1.55**	....	**9.05**	9.00	**3.10**	3.00	**18.19**	17.60
V-C Fish, Bone and Potash	Baltimore	**2.08**	2.00	**1.55**	....	**8.35**	9.00	**3.44**	3.00	**17.98**	17.60
Genuine Imported Kainit	Baltimore	....	....	....	....	....	....	**14.36**	14.00	....	....
V-C Indian Brand	Baltimore	**2.27**	2.00	**1.30**	....	**9.00**	8.00	**10.00**	10.00	**24.48**	22.40
V-C Star Brand	Baltimore	**1.45**	1.00	**1.20**	....	**9.10**	9.00	**5.00**	4.00	**17.26**	14.40
V-C 7% Truck Fertilizer	Pocomoke City	**7.17**	7.00	**1.00**	....	**6.10**	6.00	**5.24**	5.00	**37.90**	36.80
V-C Tobacco Bed Special	Baltimore	**9.25**	10.00	**.30**	....	**5.80**	5.00	....	....	**41.69**	44.00
V-C Universal Crop Manure	Baltimore	**2.01**	2.00	**.85**	....	**8.55**	8.00	**5.32**	5.00	**19.27**	18.40
V-C Virginia Trucker	Baltimore	**5.05**	5.00	**1.40**	....	**8.40**	8.00	**5.30**	5.00	**31.37**	30.40
V-C Virginia Trucker	Baltimore	**5.02**	5.00	**1.40**	....	**8.50**	8.00	**5.20**	5.00	**31.25**	30.40
V-C Virginia Trucker	Baltimore	**4.98**	5.00	**1.60**	....	**8.20**	8.00	**5.20**	5.00	**30.88**	30.40
V-C XXXX Fish and Potash	Baltimore	**4.18**	4.00	**1.40**	....	**7.90**	8.00	**4.30**	4.00	**26.69**	25.60
V-C XXXX Fish and Potash	Baltimore	**3.98**	4.00	**1.35**	....	**8.05**	8.00	**4.24**	4.00	**25.95**	25.60
V-C XXXX Fish and Potash	Baltimore	**3.92**	4.00	**1.15**	....	**8.35**	8.00	**4.32**	4.00	**25.99**	25.60
Walker-Gordon Farms, Juliustown, N. J.											
DRICONURE	Baltimore	**2.13**	1.80	....	....	***.40**	*1.00	**2.00**	1.25	**10.36**	8.80

DRICONURE	Baltimore	**2.13**	1.80	....	....	***.40**	*1.00	**2.00**	1.25	**10.36**	8.80
Westminster Fertilizer Co., Westminster, Md.											
Superphosphate	Westminster	....	....	**.80**	....	**17.00**	16.00	....	....	**13.72**	12.80
Leader	Westminster	**1.04**	1.00	**.25**	....	**10.45**	9.00	**4.30**	4.00	**16.00**	14.40
2-8-5	Westminster	**1.88**	2.00	**.10**	....	**8.70**	8.00	**5.80**	5.00	**19.14**	18.40
Super-A	Westminster	**1.09**	1.00	**.25**	....	**11.75**	10.00	**3.10**	2.00	**16.28**	13.60
A. S. Woolley Co., Inc., Seaford, Del.											
Potato Fertilizer	Federalsburg	**4.68**	5.00	**.35**	....	**9.05**	8.00	**5.40**	5.00	**30.33**	30.40
Special Wheat Fertilizer	Federalsburg	**1.14**	1.00	**.55**	....	**12.05**	9.00	**4.36**	4.00	**17.77**	14.40
Truck Fertilizer	Federalsburg	**3.31**	3.00	**.20**	....	**9.60**	8.00	**5.24**	5.00	**25.14**	22.40
Worcester Fertilizer Co., Inc., Snow Hill, Md.											
Superphosphate	Snow Hill	....	....	**.30**	....	**16.80**	16.00	....	....	**13.49**	12.80
Correct Plant Food Mixture 5-8-5	Snow Hill	**4.98**	5.00	**.85**	....	**8.25**	8.00	**5.40**	5.00	**30.97**	30.40
Correct Plant Food Mixture 7-6-5	Snow Hill	**7.20**	7.00	**.60**	....	**6.80**	6.00	**5.20**	5.00	**38.49**	36.80

* Total phosphoric acid.

FEED CONTROL ACTIVITIES

In the performance of our feed inspection duties, the most prevalent violation encountered is the failure of manufacturers to register their products before placing them upon the market. During the period from January 1 to June 1, 250, or 25 per cent. of the total number of samples secured, were reported as unlicensed at the time of sampling. Improper tagging or failing to place the required information on the package stands second in the list of violations. These violations indicate either gross carelessness on the part of the manufacturer or the fact that they are trying to evade payment of the registration fee. This department is not empowered to overlook such violations indefinitely. Hereafter, dealers found handling unlicensed feeds will be so notified and requested to remove same from the market pending satisfaction of registration requirements. A repetition of this offense will force the Control Service to initiate prosecution.

In preparing cases for court action, it is absolutely essential that shipping memoranda be obtained. Dealers are requested to keep available for a reasonable period of time the original invoice and, when possible, freight bill.

This department receives each year many samples of feed suspected by farmers or poultry raisers of causing either physical derangement or actual mortality in their flocks. A very close working agreement has been established with the State Poultry Department, to the extent that all such samples are referred to this organization for actual feeding tests. The results of these tests, covering the past three years, have been published in bulletin form by George D. Quigley and Roy H. Waite of the Experiment Station staff. Quoting from this publication: "Of the 61 samples of mixed feeds submitted, some of which were accused of killing birds by the score, not a single one was found to kill healthy birds in our tests even though the possible deleterious effects were greatly magnified by giving the feed as the entire ration after a starvation period. Two unsatisfactory samples were reported. When fed, both produced severe intestinal disturbances which disappeared when the samples were discontinued. It would seem that our results indicate both the general high quality of proprietary and mixed feeds in Maryland, and the fact that sudden mortality in poultry flocks is likely to be due to some factor other than the feed or to a complication of factors, including disease and parasites. Because of insufficient information concerning the true nature of poultry troubles, poultry raisers are prone to somewhat unjustly blame the feed."

A résumé of all feed inspection work for the first four months of this year indicates fewer deficiencies in the chemical guarantees listed than in a corresponding period of previous years. It is deemed appropriate to publicly commend feed manufacturers for the splendid spirit they have shown in maintaining guarantees and refusing to substitute inferior articles in the products they are placing upon the Maryland market.

TABLES

The results obtained in the inspection and analysis of feeding stuffs from January 1, 1931, to May 1, 1931, are found on pages 34 to 81 inclusive. Feeds are considered seriously deficient as regards chemical analysis when they are 1 per cent. or more deficient in protein, or one-half of 1 per cent. deficient in fat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Agricultural Corporation of Maryland, Baltimore, Md.	‡Md. Supplement 32% Dairy Ration
" " "	Md. 20% Dairy Feed Closed Formula
" " "	‡Md. Economy 20% Dairy Ration
" " "	‡Md. Silage Supplement
" " "	Md. Farm Bureau Egg Mash Open Formula
" " "	‡Md. Laying Mash No. 3, with Alfalfa Leaf Meal
" " "	Md. Farm Bureau Starting and Growing Mash
" " "	‡Md. 85% Horse Feed
" " "	‡Md. Calf Meal
" " "	‡Md. Farm Bureau Chick Grains
Akron Feed & Milling Co., Akron, Ohio.	‡Portage Flour Middlings
" " "	‡Portage Scratch Feed
Albers Bros. Milling Co., San Francisco, California.	Atlas Brand Poultry Greens
	Atlas Twenty-Two Fancy Stem Meal
G. A. Allender, Elkton, Md.	Dandy 24 Dairy Feed
" " "	Dandy 18 Dairy Feed
" " "	Dandy Laying Mash
" " "	Dandy Scratch Feed
Allied Mills, Inc., Chicago, Ill.	Wayne 32% Farm Mix Dairy Feed
" " "	Wayne 24% Dairy Feed
" " "	Wayne 24% Dairy Feed
" " "	Wayne 20% Dairy Feed
" " "	Wayne 20% Sucrene Dairy Feed
" " "	‡Wayne 20% Sucrene Dairy Feed
" " "	Wayne Ideal 16% Dairy Feed
" " "	Wayne Ideal 16% Dairy Feed
" " "	Wayne Egg Mash
" " "	Sucrene Egg Mash
" " "	Wayne All Mash Grower
" " "	Sucrene All Mash Poultry Feed
" " "	Wayne Calf Meal
" " "	Wayne Calf Meal
" " "	Wayne Supreme Horse Feed
" " "	Wayne Pig Meal
" " "	Emergency Hog Feed
" " "	‡Wheat Bran and Screenings
" " "	Wayne All Mash Chick Starter
" " "	Wayne All Mash Chick Starter
" " "	Wayne Intermediate Scratch Feed
" " "	Sucrene Scratch Feed
" " "	Wayne Scratch Feed
" " "	Wayne Special Scratch Feed
American Medicinal Spirits Co., Balto., Md.	*Pure Rye Distillers Grains
Anderson Grain & Feed Co., York, Pa.	‡30% Dairy Mixing Ration
" " "	20% Dairy Feed
" " "	16% Dairy Feed
" " "	Chick Feed
" " "	White Rose Scratch Feed

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Easton	9.17	32.00	**33.11**	4.50	**4.74**	9.00	**8.98**	7.22	36.78	As declared on sack
Brunswick	10.34	20.00	**21.60**	4.00	**4.96**	12.00	**10.68**	10.71	41.71	" "
Easton	10.63	20.00	**21.03**	3.50	**3.84**	9.00	**8.37**	8.88	47.25	" "
Easton	14.57	10.00	**11.90**	.50	**1.25**	21.00	**19.10**	8.43	44.75	" "
Brunswick	9.88	20.00	**20.45**	4.00	**5.61**	7.00	**5.19**	7.26	51.61	" "
Easton	11.28	18.50	**20.36**	4.00	**4.16**	7.50	**6.64**	6.87	50.69	A.
Brunswick	9.90	17.00	**18.52**	4.00	**4.77**	6.00	**4.17**	6.90	55.74	A.
Easton	11.64	9.00	**11.21**	3.00	**3.80**	9.00	**8.19**	3.69	61.47	As declared on sack
Brunswick	8.67	18.50	**19.39**	3.00	**3.76**	4.00	**3.38**	5.78	59.02	" "
Brunswick	11.00	10.00	**10.44**	2.00	**1.59**	3.00	**1.08**	1.20	74.69	" "
Oakland	11.10	15.00	**17.30**	3.00	**5.23**	6.00	**5.34**	3.38	57.65	As declared on sack
Oakland	11.15	9.00	**12.02**	2.50	**3.61**	5.00	**2.68**	1.74	68.80	B.
Salisbury	9.69	20.00	**20.62**	2.00	**2.05**	18.00	**19.63**	10.80	37.21	As declared on sack
Medford	7.14	10.00	**11.50**	1.00	**.89**	40.00	**37.26**	6.31	36.92	" "
Elkton	10.48	24.00	**25.83**	4.00	**4.04**	9.00	**8.12**	8.26	43.27	C.
Elkton	10.10	18.00	**18.58**	3.50	**3.92**	14.00	**10.94**	6.80	49.66	As declared on sack
Elkton	9.17	20.00	**22.55**	4.50	**5.03**	9.00	**6.49**	11.87	44.89	" "
Elkton	11.67	9.00	**9.56**	2.50	**3.24**	5.00	**2.95**	1.72	70.86	" "
Forest Hill	9.28	32.00	**33.01**	4.00	**4.21**	9.00	**8.83**	10.11	34.56	As declared on sack
Forest Hill	10.35	24.00	**25.45**	3.50	**3.74**	9.00	**8.33**	9.83	42.30	" "
Centreville	10.89	24.00	**23.45**	4.00	**4.22**	9.00	**7.45**	7.83	46.16	D. As decl'd on sack
Oakland	10.43	20.00	**22.66**	4.00	**3.76**	9.00	**7.18**	7.73	48.24	D. As decl'd on sack
Centreville	11.04	20.00	**19.50**	3.50	**5.60**	12.50	**10.90**	8.12	44.84	As declared on sack
Sykesville	10.58	20.00	**19.53**	3.50	**3.77**	12.50	**8.66**	7.43	50.03	" "
Centreville	11.71	16.00	**17.25**	3.50	**4.84**	12.00	**12.16**	9.83	44.21	" "
Sykesville	11.35	16.00	**16.03**	3.50	**3.63**	12.00	**11.93**	7.81	49.25	" "
Sykesville	11.34	18.00	**17.55**	3.50	**3.49**	7.00	**5.18**	7.73	54.71	D. As decl'd on sack
Motters	9.99	18.00	**20.01**	3.50	**3.59**	8.00	**7.59**	11.25	47.57	As declared on sack
Maugansville	9.71	15.00	**16.06**	4.00	**4.67**	6.00	**5.27**	7.88	56.41	" "
Maugansville	10.42	15.50	**17.81**	3.50	**4.47**	8.00	**4.94**	8.00	54.36	" "
Cockeysville	9.94	24.00	**23.95**	4.00	**4.54**	7.00	**7.27**	8.60	45.70	" "
Motters	8.50	24.00	**23.95**	4.00	**4.24**	6.50	**6.57**	7.34	49.40	D. As decl'd on sack
Centreville	11.97	9.50	**10.23**	3.50	**3.40**	7.00	**7.10**	2.81	64.49	As declared on sack
Williamsport	11.42	18.00	**19.95**	3.50	**4.32**	7.00	**5.67**	7.75	50.89	" "
Williamsport	11.70	14.00	**15.11**	3.00	**3.18**	7.00	**5.82**	6.77	57.42	" "
Centreville	10.15	14.50	**17.64**	3.50	**4.16**	11.00	**9.98**	6.66	51.41	" "
Cockeysville	10.11	16.00	**16.50**	4.00	**4.78**	6.00	**5.19**	7.88	55.54	" "
Fairplay	9.51	16.00	**17.02**	4.00	**5.01**	6.00	**5.50**	6.77	56.19	" "
Centreville	11.02	10.00	**11.58**	2.50	**2.91**	5.00	**2.02**	1.38	71.09	" "
Motters	8.97	9.00	**11.67**	2.50	**2.34**	5.00	**2.88**	1.48	72.66	" "
Cockeysville	11.15	10.00	**11.58**	2.50	**2.47**	5.00	**1.95**	1.19	71.66	" "
Oakland	11.05	9.00	**13.60**	2.50	**2.78**	4.00	**1.97**	1.60	69.00	" "
Sparks	7.58	17.00	**17.55**	7.00	**6.17**	19.00	**15.80**	3.85	49.05	As declared on sack
Federalsburg	7.46	30.00	**32.85**	4.00	**4.77**	10.00	**9.76**	8.18	36.98	As declared on sack
Federalsburg	11.22	20.00	**20.10**	4.00	**4.41**	12.00	**12.12**	8.26	43.89	D. As decl'd on sack
Federalsburg	11.74	16.00	**18.76**	3.50	**4.13**	12.00	**11.64**	8.30	45.43	D. As decl'd on sack
Pikesville	11.35	9.00	**12.02**	2.00	**3.63**	5.00	**1.59**	1.27	70.14	As declared on sack
Federalsburg	11.78	9.00	**11.06**	2.50	**2.25**	5.00	**2.34**	1.54	71.03	" "

A—Unable to detect wheat bran.
B—Unable to detect milo maize.
C—Ingredients on sack differ from license.
D—Ingredients on sack agrees with 1930 license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Arcady Farms Milling Co., Chicago, Ill.	32% Dairy Feed
" " "	*Wonder Dairy Ration
" " "	Milkers Ready Ration
" " "	‡Peerless Milk Ration
" " "	Provo 16 Dairy Feed
" " "	Besbet Laying Mash
" " "	‡Wonderfat Station Feed
" " "	‡Horse and Mule Feed
" " "	‡Hog Meal
" " "	‡*Wonder Calf Meal
" " "	‡Wonder Starting Mash, with BM
" " "	‡Wonder Rabbit Feed
" " "	‡Scratch Grains
" " "	‡Golden Yolk Scratch Grains
" " "	Wonder Scratch Grains
" " "	‡Wonder Pigeon Feed
Archer-Daniels-Midland Company, Minneapolis, Minn.	Soybean Oil Meal
	Arco 30% Protein Feed
Ashcraft-Wilkinson Co., Atlanta, Ga.	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Paramount Brand Prime Cottonseed Meal
Athey & Harrison, Laurel, Md.	Laurel Brand Scratch Feed
Balto. Feed & Grain Co., Baltimore, Md.	BBL. Fish Meal
" " "	BBL. Fish Meal
" " "	BBL. Brand 24% Dairy Feed
" " "	BBL. Brand 20% Dairy Feed, with Molasses
" " "	BBL. 16½% Dairy Feed
" " "	BBL. Egg Mash
" " "	BBL. Laying Mash, with DBM. and Mineral Supplement
" " "	BBL. Cod-Milk-O-Lay, with DBM. and Cod Liver Oil
" " "	BBL. All Mash Laying Ration
" " "	BBL. Growing Mash, with DBM.
" " "	BBL. Cod-Milk-O-Gro, with DBM. and Cod Liver Oil
" " "	BBL. Fermenting Mash
" " "	‡Argentine Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	BBL. Cod-Milk-O-Chick Starter, with DBM., Cod Liver Oil and Minerals
" " "	BBL. All Mash Chick Starter Supplement, with DBM., Cod Liver Oil and Minerals

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Walkersville	9.36	32.00	**31.09**	5.50	**4.54**	9.00	**8.62**	8.16	38.23	As declared on sack
Reid	11.00	24.00	**24.33**	4.50	**3.97**	10.00	**9.32**	10.50	40.88	" "
Frostburg	10.86	22.00	**21.09**	4.00	**4.73**	12.00	**11.09**	9.67	42.56	" "
Salisbury	10.32	20.00	**20.15**	4.00	**4.53**	12.00	**12.73**	10.10	42.17	" "
Reid	10.94	16.00	**17.25**	3.50	**4.35**	13.50	**12.56**	12.60	42.30	A.
Friendsville	8.58	20.00	**21.76**	4.00	**4.85**	9.00	**6.73**	13.80	44.28	As declared on sack
Baltimore	10.15	12.50	**13.34**	4.50	**4.09**	6.00	**4.90**	3.22	64.30	" "
Salisbury	14.48	9.00	**10.52**	2.00	**2.28**	12.00	**7.65**	4.48	60.59	" "
Salisbury	10.84	15.00	**18.26**	3.50	**4.87**	7.00	**6.86**	7.05	52.12	" "
Hagerstown	7.84	25.00	**26.15**	5.00	**4.46**	7.00	**4.97**	5.50	51.08	" "
Hagerstown	9.05	13.00	**14.48**	3.50	**4.31**	5.00	**4.31**	8.18	59.67	" "
Hagerstown	11.39	12.00	**13.61**	3.50	**3.26**	7.00	**8.13**	3.66	59.95	" "
Salisbury	11.60	10.00	**13.08**	2.50	**3.22**	5.00	**3.22**	1.63	67.25	" "
Friendsville	11.50	10.00	**11.67**	2.50	**3.14**	5.00	**2.88**	1.78	69.03	" "
Lonaconing	11.55	10.00	**12.55**	2.50	**3.47**	5.00	**3.03**	1.62	67.78	" "
Hagerstown	12.01	10.00	**15.27**	2.50	**2.94**	6.50	**3.89**	2.12	63.77	" "
Hagerstown	8.67	40.00	**42.12**	4.50	**5.24**	7.00	**5.81**	6.20	31.96	As declared on sack
Baltimore	8.38	30.00	**31.85**	4.50	**5.35**	10.00	**8.79**	5.92	39.71	" "
White Hall	6.98	41.00	**40.54**	5.50	**6.37**	10.00	**8.87**	6.24	31.00	As declared on sack
Taneytown	7.05	41.00	**41.50**	5.50	**7.88**	10.00	**10.38**	6.44	26.75	" "
Hagerstown	7.00	41.00	**41.07**	5.50	**5.17**	10.00	**11.53**	6.62	28.61	" "
Keymar	7.15	41.00	**40.98**	5.50	**6.06**	10.00	**11.19**	6.32	28.30	" "
Easton	7.18	41.00	**41.77**	5.50	**6.88**	10.00	**10.45**	6.05	27.67	" "
Germantown	7.21	41.00	**41.24**	5.50	**5.88**	10.00	**11.06**	6.40	28.21	" "
Sykesville	6.89	41.00	**40.98**	5.50	**6.73**	10.00	**10.79**	6.32	28.29	" "
Baltimore	7.31	36.00	**37.56**	5.00	**6.84**	14.00	**11.67**	6.59	30.03	" "
Laurel	10.35	9.50	**10.00**	2.50	**3.14**	5.00	**2.54**	1.50	72.47	B. As decl'd on sack
Easton	9.06	55.00	**60.99**	6.00	**5.84**	2.00	**.96**	19.90	3.25	As declared on sack
Easton	5.95	55.00	**59.85**	6.00	**6.67**	2.00	**.75**	18.86	7.92	" "
Baltimore	10.42	24.00	**25.24**	5.00	**4.54**	8.00	**7.72**	7.54	44.54	C. As decl'd on sack
Baltimore	10.74	20.00	**19.99**	5.00	**4.89**	12.00	**8.13**	7.16	49.09	C. " "
Baltimore	11.05	16.50	**18.22**	3.00	**4.43**	13.00	**8.19**	8.34	49.77	C. " "
Baltimore	10.79	19.00	**20.09**	4.00	**5.23**	6.50	**5.65**	8.96	49.28	As declared on sack
Baltimore	10.20	20.00	**20.97**	4.00	**4.77**	6.50	**5.30**	9.37	49.39	" "
Baltimore	10.17	20.00	**20.18**	4.00	**4.56**	6.50	**5.53**	9.29	50.27	D. As decl'd on sack
Baltimore	11.37	15.00	**17.11**	4.00	**5.34**	4.50	**4.28**	7.26	54.64	As declared on sack
Baltimore	10.87	18.00	**19.04**	4.50	**4.89**	6.50	**4.57**	7.95	52.68	C. As decl'd on sack
Baltimore	10.74	18.00	**19.83**	4.50	**5.12**	6.50	**4.21**	7.59	52.51	B. " "
Baltimore	10.84	18.00	**18.95**	5.00	**5.63**	5.00	**3.10**	5.90	55.58	As declared on sack
Easton	8.77	15.00	**15.09**	4.00	**3.77**	13.00	**10.78**	7.03	54.56	" "
Baltimore	10.61	16.00	**18.52**	4.50	**5.57**	5.00	**4.04**	7.38	53.88	C. As decl'd on sack
Baltimore	11.27	14.00	**16.85**	3.00	**3.91**	4.00	**4.28**	7.18	56.51	C. As decl'd on sack

A—Also detected whole weed seeds.
B—Ingredients on sack differ from license.
C—Ingredients on sack agrees with 1930 license.
D—Fibre guarantee on bag differs from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Baltimore Feed & Grain Co., (Continued)	BBL. Chick Developer
" " "	BBL. Baby Chick Feed
" " "	BBL. No. 4 Pigeon Feed, Wheat and Flint Corn.
" " "	BBL. No. 4 Pigeon Feed, Wheat and Flint Corn.
" " "	BBL. Victory Brand Scratch Feed
" " "	BBL. Recleaned Scratch Feed
Barker, Moore & Mein Co., Phila., Pa.	Special Poultry Powder
" " "	Special Poultry Powder
Baugh & Sons Co., Baltimore, Md.	60% Digester Tankage
Beatrice Creamery Co., Chicago, Ill.	Dried Buttermilk
G. T. Bell & Sons, Federalsburg, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
J. P. Bennett & Son, Mardela Springs, Md.	Best Laying Mash
" " "	Best Growing Mash
" " "	Best Chick Starter
" " "	Best Chick Grains
" " "	Best Scratch Feed
Geo. W. Biles Co., Inc., Providence, Md.	Cecil County Dairy Feed
" " "	Cecil County Laying Mash
" " "	Cecil County Growing Mash
" " "	Cecil County Chick Starter
" " "	Cecil County Scratch Feed
Bisbee Linseed Co., Philadelphia, Pa.	Pure Linseed Meal
" " "	Pure Linseed Meal
W. H. Blakeslee, Wye Mills, Md.	*Pure Wheat Bran
" " "	†Pure Wheat Middlings
Blamburg Bros., Inc., Baltimore, Md.	Cornell Brand Laying Mash, with BM.
" " "	Cornell Brand Growing Feed
" " "	Cornell Brand Chick Feed
" " "	Cornell Brand All Grain Chick Developer
" " "	Cornell Brand Chick Starter
" " "	Cornell Brand Scratch Feed
" " "	Square Deal Scratch Feed
" " "	Cornell Brand No. 2 Pigeon Feed
" " "	Cornell Brand No. 3 Pigeon Feed
" " "	Cornell Brand No. 4 Pigeon Feed
Blank & Gottshall Co., Inc., Sunbury, Pa.	Laying Mash, with BM.
" " "	*Growing Mash, with BM.
" " "	Developing Food
" " "	Baby Chick Mash, with BM.
" " "	Chick Food Invigorator
" " "	Sunbury Scratch Grains

* Means deficient in protein or fat.
† Means deficient in both protein and fat.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
Baltimore.....	11.71	10.00	**10.09**	3.00	**2.76**	3.00	**2.00**	1.84	71.60	As declared on sack
Baltimore.....	11.75	10.00	**11.50**	3.00	**3.83**	3.00	**2.03**	2.01	68.88	" "
Baltimore.....	10.23	12.50	**15.36**	3.50	**3.32**	4.00	**3.64**	2.61	64.84	" "
Easton.....	11.49	12.50	**14.74**	3.50	**3.55**	4.00	**3.45**	1.88	64.89	" "
Baltimore.....	10.93	10.00	**10.62**	3.00	**2.47**	3.00	**2.72**	2.35	70.91	" "
Baltimore.....	10.26	10.00	**10.53**	3.00	**2.82**	3.00	**2.81**	2.24	71.34	" "
Snow Hill.....	6.05	15.00	**19.04**	3.50	**8.28**	16.00	**10.85**	21.34	34.44	As declared on sack
Sharpsburg.....	6.18	15.00	**18.25**	3.50	**6.08**	16.00	**11.23**	21.14	37.12	" "
Woodbine.....	7.90	60.00	**60.55**	5.00	**6.70**	3.00	**1.32**	20.32	3.21	A.
Hagerstown	.....	30.00	**34.40**	5.50	x**7.80**	.....	.....	11.30	.....	As declared on sack
Federalsburg.....	8.87	14.50	**14.83**	4.00	**4.26**	9.00	**8.63**	6.37	57.04	As declared on sack
Federalsburg.....	12.38	15.00	**14.74**	4.00	**3.42**	5.00	**5.52**	3.01	60.93	" "
Mardela Springs .	9.29	20.00	**21.67**	4.00	**5.65**	9.00	**6.83**	8.76	47.80	As declared on sack
Mardela Springs .	9.86	16.00	**18.16**	4.00	**3.69**	8.00	**5.10**	7.94	55.25	" "
Mardela Springs .	10.98	13.00	**16.50**	4.00	**4.00**	7.00	**4.05**	6.23	58.24	F.
Mardela Springs .	12.02	8.00	**10.53**	2.00	**2.18**	5.00	**1.46**	1.37	72.44	As declared on sack
Mardela Springs .	12.20	8.00	**10.09**	3.00	**3.69**	4.00	**2.93**	1.67	69.42	B. As decl'd on sack
Providence.....	8.61	24.00	**27.20**	5.00	**5.15**	9.00	**8.42**	7.68	42.94	C.
Providence.....	10.26	20.00	**22.20**	4.00	**4.67**	8.00	**5.99**	11.03	45.85	D.
Providence.....	9.40	16.00	**17.99**	4.00	**5.51**	8.00	**5.55**	8.87	52.68	As declared on sack
Providence.....	10.00	14.00	**17.46**	4.00	**5.70**	6.00	**2.75**	5.77	58.32	E. " "
Providence.....	11.74	10.00	**10.00**	3.00	**2.93**	7.00	**3.06**	1.63	70.64	E. As decl'd on sack
Baltimore.....	10.01	34.00	**35.98**	5.00	**6.02**	10.00	**7.68**	6.86	33.45	As declared on sack
Baltimore.....	9.96	34.00	**36.86**	5.00	**5.85**	10.00	**7.76**	6.50	33.07	" "
Wye Mills.....	9.54	14.00	**14.13**	3.50	**2.75**	10.00	**7.56**	5.00	61.02	As declared on sack
Wye Mills.....	12.24	14.00	**11.41**	4.00	**2.58**	5.00	**2.30**	2.25	69.22	" "
Baltimore.....	8.06	20.00	**20.80**	4.00	**5.20**	8.00	**6.64**	10.94	48.36	As declared on sack
Baltimore.....	7.75	17.25	**19.92**	3.50	**5.78**	8.50	**6.51**	11.85	48.19	" "
Baltimore.....	11.55	10.70	**11.41**	3.50	**3.94**	3.50	**2.08**	1.95	69.07	" "
Baltimore.....	10.75	10.70	**11.23**	3.50	**4.57**	3.50	**2.74**	1.66	69.05	" "
Baltimore.....	9.07	12.50	**17.02**	3.50	**5.97**	5.00	**4.10**	9.69	54.15	G.
Baltimore.....	11.50	10.50	**11.06**	3.50	**3.13**	4.00	**2.75**	1.57	69.99	As declared on sack
Baltimore.....	11.42	10.00	**11.23**	3.00	**2.77**	4.00	**2.24**	1.32	71.02	" "
Baltimore.....	11.70	14.00	**15.18**	3.00	**3.29**	4.00	**3.37**	1.92	64.54	" "
Baltimore.....	11.60	14.50	**16.06**	3.00	**4.86**	4.00	**4.33**	2.58	60.57	" "
Baltimore.....	11.50	13.50	**14.39**	2.60	**4.66**	4.30	**3.95**	2.50	63.00	" "
Frederick.....	9.80	18.00	**19.39**	5.00	**4.52**	6.00	**7.97**	8.72	49.60	As declared on sack
Frederick.....	8.69	18.00	**17.99**	6.00	**4.98**	7.00	**7.05**	8.24	53.05	H.
Frederick.....	9.47	10.00	**11.32**	2.40	**2.74**	2.50	**2.16**	1.65	72.66	As declared on sack
Frederick.....	7.64	14.00	**15.36**	4.00	**3.69**	4.00	**3.80**	14.56	54.95	" "
Frederick.....	11.85	10.50	**11.06**	2.25	**2.24**	3.50	**2.59**	1.80	70.46	" "
Frederick.....	10.17	10.00	**10.53**	2.25	**3.11**	4.00	**2.41**	1.71	72.07	I.

A—Also detected vegetable material.
B—Fat guarantee on sack differs from license.
C—Ingredients, fat and fibre guarantee on sack differ from license.
D—Ingredients on sack differ from license; also detected linseed oil meal.
E—Ingredients and fibre guarantee on sack differ from license.
F—Unable to detect gluten meal; also detected salt.
G—Also detected ground Kaffir corn.
H—Also detected alfalfa meal, corn gluten feed and linseed oil meal.
I—Ingredients on sack differ from license; also detected .60% weed seeds, mostly cockle.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Blanton Milling Co., Indianapolis, Ind.	Scratch Feed
Bradley & Baker, New York, N. Y.	‡Dried Beet Pulp
" " "	Dried Beet Pulp
Breathedsville Exchange, Inc., Breathedsville, Md.	Routzahn's Dairy Feed
	Routzahn's Laying Mash
" " "	*Pure Wheat Middlings
F. W. Brode' Corp., Memphis, Tenn.	Owl Brand 41% Prime Cottonseed Meal
Cairo Meal & Cake Co., Cairo, Ill.	‡Miss Cairo Brand Cottonseed Meal
Calvary Roller Mills, Bel Air. Md.	Pure Grain Dairy Ration
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
Cambridge Mfg., Co, Cambridge, Md.	New Vim Molasses Dairy Feed
" " "	*New Vim Super Laying Mash
" " "	New Vim Special Laying Mash
" " "	Gets 'Em Laying Mash
" " "	*New Vim Special Growing Mash
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
" " "	*New Vim Super Chick Starter
" " "	New Vim Chick Scratch Feed
" " "	*New Vim Scratch Feed Medium
" " "	New Vim Scratch Feed
" " "	New Vim Scratch Feed
Cardiff Milling Co., Cardiff, Md.	Daisy Dairy Ration
" " "	Daisy Laying Mash
" " "	Pure Wheat Bran
" " "	†Pure Wheat Middlings
" " "	Pure Corn and Oats Chop
Jesse C. Carr, Vale, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	*Corn Bran
" " "	Pure Corn Chop
Carter & Yates Milling Co., Church Hill, Maryland.	Red Star Laying Mash
	Red Star Pig and Hog Meal
Central Chemical Co., Inc., Balto., Md.	"Gro-All" Meat Scraps 55%
" " "	*"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat and Bone Scrap 50%
" " "	"Gro-All" Meat and Bone Scrap 50%
" " "	"Gro-All" Meat and Bone Scrap 45%
" " "	"Gro-All" Meat and Bone Scrap 45%
" " "	"Gro-All" Meat and Bone Scrap 45%
" " "	*"Gro-All" Poultry Bone Meal

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland.....	11.75	10.00	**12.46**	2.50	**3.82**	5.00	**2.24**	2.02	67.71	A. As decl'd on sack
Princess Anne....	8.41	7.50	**7.63**	.50	**.70**	20.00	**18.19**	5.13	59.94	As declared on sack
Ellicott City.....	6.98	7.50	**8.51**	.50	**.45**	20.00	**20.11**	3.45	60.50	" "
Breathedsville ...	8.80	16.00	**16.15**	4.00	**3.89**	7.50	**6.57**	5.96	58.63	B.
Breathedsville ...	9.29	20.00	**19.92**	4.00	**4.35**	7.50	**5.61**	7.78	53.05	C.
Breathedsville ...	11.05	15.00	**16.23**	4.00	**2.89**	8.00	**2.84**	2.21	64.78	D. As decl'd on sack
Ellicott City.....	8.85	41.00	**40.54**	5.00	**5.80**	10.00	**10.33**	7.30	27.18	As declared on sack
Denton.....	7.02	41.00	**41.50**	6.00	**5.85**	10.00	**9.58**	7.20	28.85	As declared on sack
Bel Air.....	8.28	20.00	**21.32**	4.50	**5.96**	10.00	**8.37**	7.84	48.23	As declared on sack
Bel Air.....	11.00	13.00	**13.78**	3.50	**3.59**	10.00	**8.21**	4.47	58.95	" "
Bel Air.....	11.20	13.00	**12.33**	4.00	**3.19**	6.00	**5.83**	1.85	65.60	" "
Cambridge.....	9.77	24.00	**24.97**	4.50	**4.45**	9.50	**9.51**	8.10	43.20	As declared on sack
Cambridge.....	10.92	20.00	**21.50**	6.00	**4.52**	7.00	**5.25**	13.63	44.18	" "
Cambridge.....	9.84	20.00	**21.76**	5.00	**4.95**	5.50	**5.80**	11.73	45.92	" "
Cambridge.....	9.22	20.00	**19.98**	5.00	**5.19**	7.00	**7.16**	12.06	46.39	" "
Cambridge.....	10.86	16.00	**17.72**	6.50	**5.56**	5.50	**7.00**	13.26	45.60	" "
Cambridge.....	10.56	14.00	**14.48**	4.00	**3.67**	10.00	**9.18**	7.22	54.89	" "
Cambridge.....	12.17	14.50	**12.99**	4.00	**4.39**	5.00	**2.99**	2.81	64.65	" "
Cambridge.....	11.41	14.00	**16.67**	5.00	**3.74**	5.50	**2.93**	8.08	57.17	" "
Cambridge.....	12.16	9.00	**10.88**	3.00	**3.58**	3.00	**3.08**	1.35	68.95	E.
Cambridge.....	11.70	9.00	**10.44**	3.00	**2.07**	4.00	**1.64**	1.27	72.88	As declared on sack
Cambridge.....	11.65	9.00	**11.14**	3.00	**2.98**	4.00	**2.55**	1.45	70.23	" "
Cambridge.....	11.40	9.00	**10.18**	3.00	**3.59**	4.00	**5.64**	1.60	67.59	F.
Cardiff.....	9.21	20.00	**21.67**	3.70	**4.58**	9.50	**9.55**	5.84	49.15	As declared on sack
Cardiff.....	9.82	20.00	**20.88**	4.00	**5.10**	6.55	**5.41**	10.00	48.79	" "
Cardiff.....	10.08	13.50	**14.92**	3.50	**3.94**	10.00	**8.16**	5.70	57.20	" "
Cardiff.....	11.52	14.00	**11.32**	3.50	**2.07**	6.00	**1.75**	1.54	71.80	" "
Cardiff.....	11.28	10.00	**11.14**	4.00	**3.95**	5.00	**6.36**	2.46	64.81	" "
Vale.....	9.76	14.00	**13.51**	3.50	**4.29**	5.00	**8.50**	7.71	56.23	As declared on sack
Vale.....	11.30	14.00	**14.22**	3.50	**4.31**	5.00	**5.13**	4.64	60.40	" "
Vale.....	11.01	9.00	**8.07**	5.00	**4.19**	12.00	**6.59**	1.34	68.80	" "
Vale.....	11.65	9.00	**9.30**	4.00	**3.79**	5.00	**2.06**	1.60	71.60	" "
Centreville.....	11.21	20.00	**21.94**	6.00	**5.69**	8.00	**7.03**	10.36	43.77	As declared on sack
Centreville.....	10.96	18.00	**17.11**	3.50	**4.77**	7.00	**5.14**	4.89	57.13	" "
Pocomoke City ..	8.61	55.00	**54.41**	8.00	**8.68**	2.00	**1.54**	24.50	2.26	As declared on sack
Cambridge.....	7.56	55.00	**53.71**	8.00	**11.77**	2.00	**2.12**	24.68	.16	" "
Pocomoke City ..	5.50	55.00	**55.64**	8.00	**10.10**	2.00	**2.86**	25.86	.04	" "
Owings Mills	6.68	50.00	**50.28**	8.00	**11.45**	2.00	**3.39**	27.07	1.13	" "
Mardela Springs .	5.90	50.00	**49.49**	8.00	**11.36**	2.00	**2.88**	28.21	2.16	" "
Baltimore.....	7.69	45.00	**45.11**	8.00	**10.06**	2.00	**3.38**	32.65	1.11	" "
Westminster.....	7.20	45.00	**46.33**	8.00	**9.58**	2.00	**2.87**	31.64	2.38	" "
Frederick.....	6.29	45.00	**45.81**	8.00	**10.26**	2.00	**2.10**	31.48	4.06	" "
Owings Mills	6.60	20.00	**24.66**	2.00	**.52**	2.00	**.72**	64.90	2.60	" "

A—Protein guarantee on sack differs from license.
B—Ingredients and fibre guarantee on sack differ from license; also detected ground barley.
C—Ingredients, protein and fibre guarantee on sack differ from license; detected ground oats and not oat groats.
D—Fat and fibre guarantee on sack differ from license.
E—Detected hulled oats and not pinhead oats as declared.
F—Also detected oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Central Chemical Co., Inc. (Continued)	‡*"Gro-All" Poultry Bone Meal
" " "	‡Hogger
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	*"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Digester Tankage 60%
" " "	‡"Gro-All" Digester Tankage 60%
Central Feed Co., Baltimore, Md.	Yellow Yolk Egg Mash, with DBM
Center Milk Products Co., Middlebury Center, Pa.	*Vita-Brand Dried Buttermilk
" " "	‡Vita-Brand Dried Buttermilk
" " "	Vita-Brand Dried Skim Milk
	Vita-Brand Dried Skim Milk
F. B. Chamberlain Co., St. Louis, Mo.	Perfect Brand Chick Starter and Dev'ing Feed
Chapin & Co., Hammond, Ind.	Unicorn Dairy Ration
" " "	Unicorn Dairy Ration
" " "	Unicorn Dairy Ration
" " "	‡Ajax Egg Mash
" " "	Kernels Lay All
" " "	Toasted Kernels Lay All
" " "	‡Ajax Horse Feed
" " "	Kernels Start All
" " "	‡Unicorn Fine Chick N. G.
" " "	Ajax Scratch Feed
" " "	‡Ajax Scratch Feed
" " "	Unicorn Scratch Feed
Chewsville Cooperative Association, Inc., Chewsville, Md.	*Thrivont Milk Maker
" " "	Thrivont Laying Mash
" " "	Thrivont Stock Feed
" " "	Thrivont Pig and Hog Meal
" " "	Thrivont Chick Starter
	Thrivont Scratch Grains
Circle Avenue Feed Co., Salisbury, Md.	H. W. R. Special Laying Mash
Cleveland Mills, Cleveland, Ohio.	‡Sunshine Scratch Grains
Harry Clipp, Sharpsburg, Md.	Egg Mash
J. H. Clushman & Co., Baltimore, Md.	‡Reliance Horse Feed
" " "	‡C & O Feed
" " "	‡Clushman's Mixture

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
Frederick.....	6.50	20.00	**21.94**	2.00	**.48**	2.00	**.40**	66.56	4.12	As declared on sack
Frederick.....	7.19	45.00	**45.54**	5.00	**5.18**	2.00	**4.55**	34.20	3.34	" "
Rising Sun.....	7.92	55.00	**60.38**	6.00	**5.87**	1.00	**1.31**	19.72	4.80	" "
Federalsburg.....	6.72	55.00	**57.65**	6.00	**8.23**	1.00	**.74**	21.03	5.63	" "
Baltimore.....	7.17	55.00	**57.39**	6.00	**8.71**	1.00	**.95**	20.51	5.27	" "
Baltimore.....	8.03	55.00	**59.58**	6.00	**4.73**	1.00	**.88**	20.16	6.62	" "
Westminster.....	9.49	55.00	**59.67**	6.00	**7.72**	1.00	**.23**	20.37	2.52	" "
Frederick.....	7.79	55.00	**60.38**	6.00	**6.06**	1.00	**.72**	19.26	5.79	" "
Hagerstown	8.41	55.00	**57.65**	6.00	**6.74**	1.00	**.46**	21.00	5.74	" "
Baltimore.....	9.91	55.00	**62.97**	6.00	**6.98**	1.00	**.60**	19.26	.28	" "
Walkersville.....	9.09	60.00	**60.99**	8.00	**8.80**	2.00	**1.68**	11.25	8.19	" "
Frederick.....	7.91	60.00	**60.02**	8.00	**9.97**	2.00	**2.15**	18.23	1.72	" "
Baltimore.....	8.28	20.00	**21.94**	4.00	**5.76**	10.00	**5.88**	12.06	46.08	A.
Pocomoke City ..	.....	32.00	**33.35**	3.00	x**2.13**	.....	.....	8.66	.....	As declared on sack
Hagerstown	6.90	32.00	**32.64**	3.00	x**5.67**	.....	.....	9.34	.....	" "
Hagerstown	.....	33.00	**34.05**	1.00	x**1.02**	.....	.....	8.34	.....	B. As decl'd on sack
Snow Hill.....	.....	33.00	**33.87**	1.00	x**1.18**	.....	.....	8.44	.....	B. " "
Pocomoke City ..	10.22	12.50	**14.48**	2.50	**2.55**	5.00	**3.32**	5.54	63.89	As declared on sack
Annapolis.....	11.02	24.00	**23.93**	4.50	**4.38**	10.00	**8.40**	9.13	43.14	As declared on sack
Cumberland.....	11.45	24.00	**24.38**	4.50	**4.08**	10.00	**7.79**	9.19	43.11	" "
Baltimore.....	8.03	24.00	**24.21**	4.50	**5.24**	10.00	**9.02**	9.40	44.10	" "
Annapolis.....	11.40	18.00	**20.18**	3.50	**3.48**	7.00	**6.12**	9.93	48.89	" "
Annapolis.....	8.57	16.00	**19.60**	3.50	**4.06**	5.50	**4.82**	8.20	54.75	" "
Cumberland.....	9.87	16.00	**19.57**	3.50	**4.33**	5.50	**4.21**	8.13	53.89	" "
Annapolis.....	12.33	9.00	**9.65**	3.00	**3.31**	12.00	**9.38**	5.16	60.17	" "
Annapolis.....	9.60	15.00	**18.12**	3.50	**4.25**	4.50	**3.98**	6.43	57.62	" "
Cumberland.....	10.90	10.00	**11.58**	2.50	**3.39**	5.00	**1.69**	1.77	70.67	" "
Annapolis.....	11.85	9.00	**12.11**	2.50	**2.63**	5.00	**2.98**	1.47	68.96	" "
Baltimore.....	12.40	9.00	**12.37**	2.50	**2.41**	5.00	**3.17**	1.87	67.78	C.
Cumberland.....	11.40	10.00	**12.37**	2.50	**3.09**	5.00	**2.95**	1.63	68.56	As declared on sack
Chewsville.....	7.94	23.00	**23.87**	5.00	**4.33**	7.00	**10.65**	11.58	41.63	D. As decl'd on sack
Chewsville.....	8.58	19.00	**20.97**	5.00	**5.48**	8.00	**7.32**	13.54	44.11	D. " "
Chewsville.....	10.08	10.00	**13.76**	3.00	**4.69**	8.00	**9.03**	6.99	55.45	As declared on sack
Chewsville.....	9.46	15.00	**16.94**	5.00	**4.83**	8.00	**5.35**	7.29	56.13	D. As decl'd on sack
Chewsville.....	12.20	14.00	**13.34**	4.00	**5.28**	3.50	**3.39**	6.60	59.19	As declared on sack
Chewsville.....	11.00	10.00	**10.53**	2.50	**2.47**	5.00	**1.83**	1.47	72.70	" "
Salisbury.....	10.03	20.00	**20.80**	6.00	**5.64**	8.50	**6.87**	8.67	47.99	As declared on sack
Cumberland.....	12.14	9.50	**12.55**	2.00	**3.18**	4.50	**3.09**	1.77	67.27	As declared on sack
Sharpsburg.....	8.83	20.00	**22.82**	4.50	**4.38**	6.00	**4.83**	6.58	52.56	As declared on sack
Baltimore.....	14.51	9.45	**9.49**	3.21	**3.21**	10.05	**10.05**	5.64	57.10	As declared on sack
Baltimore.....	9.97	12.99	**12.99**	5.16	**5.16**	7.26	**7.26**	3.27	61.35	" "
Baltimore.....	9.69	9.50	**9.53**	4.40	**4.40**	10.26	**10.26**	4.61	61.51	" "

A—Unable to detect charcoal.
B—Guarantee on sack agrees with 1930 license.
C—Unable to detect oats.
D—Ingredients on bag differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Cohn & Bock Co., Princess Anne, Md.	Wheat Middlings, with Ground Screenings
" " "	Wheat Bran, with Ground Screenings
Collis Products Co., St. Paul, Minn.	Process Pure Dried Buttermilk
Community Mills, Liberty Grove, Md.	‡O. K. Laying Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
G. E. Conkey Co., Cleveland, Ohio.	*32% Dairy Ration
" " "	Dairy Feed 24% Protein
" " "	Red Seal Dairy Ration 16% Protein
" " "	Gecco Egg Mash, with Y-O
" " "	Gecco Egg Mash
" " "	Gecco Growing Mash, with BM. and Y-O
" " "	Growing Grains
" " "	(The Original) Starting Feed, with BM. and Y-O
" " "	Chick Grains
" " "	Superior Scratch Grains
Consolidated By-Product Co., Phila., Pa.	‡*Beef and Bone Scrap
" " "	*Beef and Bone Scrap
" " "	Beef and Bone Scrap
" " "	*Beef and Bone Scrap
Consolidated Products Co., Chicago, Ill.	‡Dried Buttermilk
Consumers Imp. Co., Inc., New York, N. Y.	‡*Steamed Bone Meal
Continental Feed Products Corp., Baltimore, Md.	Big "C" Brand 55% Meat Scrap
" " "	Big "C" Brand 55% Meat Scrap
" " "	*Big "C" Brand 55% Fish Meal
" " "	Big "C" Brand 55% Fish Meal
" " "	*Big "C" Brand 60% Digester Tankage
" " "	Big "C" Brand 60% Digester Tankage
Continental Milling Co., Ellicott City, Md.	*Dairy Feed
" " "	Patapsco Dairy Feed
" " "	*Brewers Grains
" " "	Polka-Dot Laying Mash
" " "	Pre-Ferd Laying Mash
" " "	Polka-Dot Growing Mash
" " "	Polka-Dot Starting Mash
" " "	Polka-Dot Scratch Grains
" " "	Pre-Ferd Scratch Grains
Corn Products Ref'g Co., New York, N. Y.	Diamond Corn Gluten Meal
" " "	Diamond Corn Gluten Meal
" " "	Buffalo Corn Gluten Feed
Cordova Roller Mills, Cordova, Md.	Pure Wheat Bran
" " "	†Pure Wheat Middlings

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Princess Anne....	11.17	14.00	**14.92**	3.50	**3.83**	6.00	**4.54**	3.70	61.84	As declared on sack
Princess Anne....	8.63	13.00	**13.78**	3.50	**3.39**	10.00	**10.06**	6.67	57.47	" "
Westminster.....	7.40	30.00	**33.78**	5.00	x**8.70**	.....	.....	10.37	.....	As declared on sack
Liberty Grove ...	10.30	20.00	**20.36**	4.50	**5.28**	7.00	**8.08**	8.80	47.18	As declared on sack
Liberty Grove ...	10.12	14.00	**14.13**	3.50	**3.72**	10.00	**8.87**	6.30	56.86	" "
Liberty Grove ...	10.27	14.00	**14.83**	3.50	**4.81**	6.00	**4.64**	3.50	61.95	" "
Hagerstown	9.07	32.00	**33.61**	5.00	**4.45**	12.00	**8.32**	7.32	37.23	As declared on sack
Hagerstown	10.78	24.00	**25.77**	5.00	**4.50**	9.00	**7.79**	5.95	45.21	" "
Hagerstown	11.82	16.00	**16.63**	3.50	**3.67**	10.00	**8.94**	8.77	50.17	" "
Hagerstown	9.78	20.00	**20.01**	5.00	**5.78**	7.00	**5.01**	9.35	50.07	" "
Frostburg.....	10.32	20.00	**20.27**	5.00	**5.29**	7.00	**4.63**	9.14	50.35	" "
Elkton.....	10.48	18.00	**18.52**	5.50	**5.48**	7.50	**4.55**	8.40	52.57	" "
Hagerstown	11.40	10.50	**12.90**	2.50	**4.45**	2.50	**1.99**	1.69	67.57	" "
Hagerstown	12.56	15.00	**15.62**	4.00	**4.62**	5.00	**3.93**	6.98	56.29	" "
Hagerstown	9.25	11.00	**13.69**	2.50	**3.91**	2.50	**1.98**	1.61	69.56	" "
Lonaconing.....	11.25	9.00	**12.02**	2.00	**2.45**	3.50	**2.95**	1.73	69.60	" "
Federalsburg.....	6.65	55.00	**51.95**	10.00	**12.21**	2.00	**2.94**	29.46	.....	A. As decl'd on sack
Elkton.....	9.78	50.00	**48.18**	10.00	**10.74**	2.00	**2.88**	28.23	.19	A. " "
Federalsburg.....	6.54	50.00	**52.48**	10.00	**10.89**	2.00	**3.17**	25.48	1.44	A. " "
Federalsburg.....	6.53	45.00	**43.97**	10.00	**10.28**	2.00	**1.79**	37.18	.25	A. " "
Cambridge.....	.....	30.00	**34.49**	5.50	x**7.33**	.....	.....	11.14	.....	As declared on sack
Cambridge.....	6.23	5.14	**7.81**	1.00	**.15**	1.00	**1.01**	84.64	.16	As declared on sack
Middleburg.....	6.53	55.00	**54.06**	8.00	**9.29**	2.00	**2.40**	26.23	1.49	As declared on sack
Hagerstown	6.63	55.00	**55.46**	8.00	**10.96**	2.00	**1.65**	24.34	.96	B.
Middleburg.....	8.93	55.00	**62.66**	8.00	**5.20**	2.00	**1.06**	19.54	2.61	As declared on sack
Hagerstown	9.74	55.00	**59.32**	5.00	**6.49**	2.00	**.78**	21.42	2.25	" "
Middleburg.....	7.27	60.00	**58.67**	8.00	**8.88**	5.00	**3.19**	19.20	2.79	" "
Hagerstown	8.01	60.00	**60.20**	8.00	**9.37**	5.00	**1.91**	19.04	1.47	C.
Ellicott City.....	9.24	24.00	**23.34**	4.50	**3.52**	12.00	**10.90**	13.08	39.92	D.
Ellicott City.....	10.39	16.00	**16.62**	3.00	**4.16**	16.00	**11.66**	15.50	41.67	E.
Ellicott City.....	7.32	20.00	**22.38**	5.00	**1.90**	14.00	**16.92**	4.24	47.24	As declared on sack
Ellicott City.....	9.01	20.00	**21.94**	5.00	**5.61**	6.00	**7.10**	12.24	44.10	" "
Ellicott City.....	9.04	18.00	**17.99**	5.00	**5.07**	7.00	**6.14**	11.16	50.60	D.
Ellicott City.....	9.50	16.00	**17.64**	5.00	**4.52**	7.00	**6.15**	9.94	52.25	F.
Ellicott City.....	11.43	15.00	**15.53**	5.00	**4.66**	5.00	**5.06**	7.34	55.98	As declared on sack
Ellicott City.....	9.57	10.00	**10.18**	2.50	**2.86**	5.00	**2.72**	1.70	72.97	G.
Ellicott City.....	9.75	10.00	**10.09**	2.50	**2.43**	5.00	**2.79**	1.70	73.24	As declared on sack
Cardiff.....	9.47	40.00	**45.15**	1.00	**1.02**	4.00	**2.30**	1.81	40.25	As declared on sack
Baltimore.....	11.40	40.00	**40.28**	1.00	**2.14**	4.00	**3.58**	3.35	39.25	" "
Baltimore.....	9.70	23.00	**24.57**	2.00	**2.06**	8.50	**7.57**	8.03	48.07	" "
Cordova.....	8.62	13.00	**13.43**	3.50	**3.87**	10.00	**5.58**	3.94	64.56	As declared on sack
Cordova.....	12.65	13.00	**10.35**	3.50	**2.26**	10.00	**.75**	.90	73.09	" "

A—Guarantee on sack agrees with 1930 license.
B—Also detected an appreciable amount of fish meal.
C—Also detected an appreciable amount of vegetable material.
D—Ingredients on sack differ from license.
E—Fat and fibre guarantee and ingredients on sack differ from license.
F—Ingredients on sack differ from license; also detected ground oats.
G—Unable to detect milo maize and Kaffir corn.
x Fat as determined by the Roese-Gottlieb Method.

Manufacturer and Address	Name of Feed
Cumberland Milling Co., Cumberland, Md.	Rye Chop
" " "	Corn and Oats Chop
" " "	Corn Meal
Dar-Mer Milk Prod. Co., Greenville, Ohio	‡Dried Skimmed Milk
" " "	‡Dried Skimmed Milk
Deal Bros. Milling Co., Cumberland, Md.	*Ho-Mo Dairy Feed
" " "	*Farmers Special 20% Dairy Feed
" " "	Jersey 16% Dairy Feed
" " "	Diamond Egg Mash
" " "	‡Reground Oat Feed, with Molasses
C. C. Deen, Preston, Md.	‡Del-Mar-Va Laying Mash
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
Denver Alfalfa Milling & Products Co., Lamar, Col.	Alfalfa Meal
	Alfalfa Meal
Derwood Mill, Derwood, Md.	26% Dairy Feed
" " "	20% Dairy Feed
" " "	16% Dairy Feed
" " "	Laying Mash
" " "	Growing Mash
" " "	Turkey Mash
" " "	†Hog and Pig Meal
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
" " "	Pure Corn Meal
" " "	Baby Chick Starter
Devilbiss Bros., New Windsor, Md.	A. 1 Laying Mash
Dewey Bros. Co., Blanchester, Ohio.	Dried Grains (Yeast)
Albert Dickinson Co., Chicago, Ill.	‡Globe Milk Producer, with Molasses
" " "	‡My-Lassie 20% Dairy Feed
" " "	‡Globe Milk Producer 20%
" " "	‡My-Lassie Dairy Feed 16%
" " "	‡Colonial Egg Mash
" " "	Globe Egg-Producer
" " "	‡Globe Laying Ration
" " "	Globe Utility Feed
" " "	Globe Starting Ration
" " "	‡Globe Horse Feed, without Alfalfa Meal
" " "	Corn Feed Meal
" " "	‡Rival Chick Scratch
" " "	Globe Chick Scratch N. G.
" " "	‡Rival Poultry Scratch
" " "	Globe Poultry Scratch N. G.

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland.....	10.95	13.00	**12.99**	2.00	**1.85**	3.00	**2.38**	2.10	69.73	As declared on sack
Cumberland.....	11.27	10.00	**9.39**	2.50	**3.49**	5.00	**7.13**	2.64	66.08	" "
Cumberland.....	11.97	8.00	**9.39**	3.00	**4.56**	5.00	**2.50**	1.14	70.44	" "
Baltimore.....	.....	34.50	**35.45**	.75	x**1.74**	.....	.....	9.54	.....	As declared on sack
Federalsburg.....	.....	34.50	**36.86**	.75	x**1.32**	.....	.....	9.43	.....	" "
Cumberland.....	11.44	24.00	**24.92**	5.00	**4.31**	10.00	**8.88**	10.15	40.30	A.
Walkersville.....	10.09	20.00	**21.78**	5.00	**3.45**	9.00	**12.94**	9.85	41.89	B.
Walkersville.....	12.36	16.00	**18.39**	3.50	**3.96**	14.00	**11.66**	10.89	42.74	C.
Cumberland.....	9.70	20.00	**20.01**	4.50	**5.23**	7.00	**7.13**	11.55	46.38	C.
Walkersville.....	7.78	8.00	**10.51**	2.00	**3.38**	20.00	**17.50**	12.94	47.89	D.
Fowling Creek...	9.75	20.00	**20.71**	5.00	**4.71**	5.00	**5.73**	8.34	50.76	As declared on sack
Fowling Creek...	9.12	13.00	**14.57**	3.50	**3.24**	10.00	**9.30**	5.34	58.43	" "
Fowling Creek...	10.60	13.00	**13.34**	4.00	**2.74**	6.00	**1.54**	1.56	70.22	" "
Ellicott City.....	7.35	13.00	**16.67**	1.00	**1.93**	33.00	**24.42**	12.30	37.33	As declared on sack
Hagerstown	7.30	13.00	**17.46**	1.00	**2.34**	33.00	**26.80**	10.71	35.39	" "
Derwood.....	10.12	26.00	**25.49**	4.00	**4.17**	9.00	**7.51**	8.37	44.34	As declared on sack
Derwood.....	8.76	20.00	**19.96**	4.00	**3.94**	9.00	**7.56**	9.28	50.50	" "
Derwood.....	11.71	16.00	**17.03**	3.50	**3.54**	10.00	**9.22**	8.25	50.25	" "
Derwood.....	8.80	20.00	**21.67**	4.00	**5.93**	7.00	**6.46**	13.21	43.93	" "
Derwood.....	9.02	17.00	**17.55**	4.00	**5.66**	6.00	**5.64**	11.12	51.01	" "
Derwood.....	6.85	18.00	**20.36**	4.00	**6.10**	6.00	**10.52**	21.27	34.90	" "
Derwood.....	12.54	17.00	**14.75**	4.00	**3.39**	6.00	**3.51**	8.72	57.09	" "
Derwood.....	8.15	14.00	**13.51**	4.00	**4.34**	9.00	**9.23**	6.38	58.39	" "
Derwood.....	10.78	15.00	**13.69**	4.00	**3.66**	5.00	**4.26**	3.09	64.52	" "
Derwood.....	12.51	10.00	**10.53**	5.00	**5.15**	2.00	**1.75**	1.60	68.46	" "
Derwood.....	8.97	14.00	**14.57**	4.00	**5.06**	3.50	**6.32**	7.65	57.43	E.
New Windsor....	7.87	20.00	**21.24**	4.00	**6.21**	8.00	**8.14**	10.00	46.54	As declared on sack
Queen Anne.....	6.03	20.00	**21.32**	6.50	**6.26**	16.00	**19.29**	3.20	43.90	As declared on sack
Fullerton.....	10.70	24.00	**24.14**	4.30	**4.31**	10.00	**9.82**	10.10	40.93	As declared on sack
Cumberland.....	10.78	20.00	**21.68**	4.00	**4.51**	11.00	**9.95**	11.30	41.78	" "
Fullerton.....	11.47	20.00	**21.37**	4.00	**4.17**	10.00	**8.64**	9.50	44.85	" "
Cumberland.....	11.21	16.00	**17.44**	3.50	**4.28**	12.00	**10.21**	10.53	46.33	" "
Cumberland.....	11.34	18.00	**18.70**	3.50	**4.13**	8.00	**5.70**	12.86	47.27	" "
Fullerton.....	9.71	18.00	**19.48**	3.50	**4.34**	7.00	**5.47**	12.32	48.68	" "
Cumberland.....	9.65	16.00	**17.20**	3.50	**4.34**	6.00	**5.98**	13.62	49.21	" "
Fullerton.....	11.10	14.00	**14.13**	3.50	**4.38**	4.00	**3.36**	2.55	64.48	" "
Fullerton.....	12.62	15.00	**15.88**	4.00	**4.37**	4.50	**4.28**	8.40	54.45	" "
Fullerton.....	12.57	10.00	**10.14**	3.50	**3.73**	8.00	**7.22**	4.34	62.00	" "
Fullerton.....	12.03	9.00	**9.39**	4.00	**5.00**	5.00	**2.52**	1.64	69.42	" "
Fullerton.....	11.02	10.00	**11.14**	2.50	**2.57**	4.00	**1.73**	1.52	72.02	" "
Fullerton.....	11.00	10.00	**10.79**	2.50	**2.54**	3.75	**1.65**	1.62	72.40	" "
Cumberland.....	11.15	10.00	**11.50**	2.50	**2.61**	5.00	**3.10**	1.80	69.84	" "
Fullerton.....	11.84	10.00	**11.06**	2.50	**3.00**	3.75	**2.94**	1.53	69.63	" "

A—Fat guarantee and ingredients on sack differ from license.
B—Fat and fibre guarantee and ingredients on sack differ from license; also detected salt and calcium carbonate.
C—Ingredients on sack differ from license.
D—Product misbranded in that it is not reground oat feed with molasses, but is oat screenings with molasses and also contains large amount of whole weed seed.
E—Fibre guarantee and ingredients on sack differ from license.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Dietrich & Gambrill, Inc., Frederick, Md.	Pen-Mar Dairy Feed
" " "	Dairy Feed
" " "	Big 4 Dairy Feed
" " "	Gambrill's 16% Dairy Feed
" " "	Frederick Laying Mash
" " "	Gambrill's Laying Mash
" " "	Gambrill's Horse Feed
" " "	Gambrill's Horse Feed
" " "	Gambrill's Hog Meal
" " "	Corn Feed Meal
" " "	‡Reground Oat Feed and Molasses
" " "	Gambrill's Chick Starter
" " "	Frederick Chick Feed
" " "	Gambrill's Chick Feed
" " "	Gambrill's Developing Scratch
" " "	Canton Scratch Feed
" " "	Frederick Scratch Feed
" " "	Gambrill's Scratch Feed
" " "	Frederick Scratch Feed
" " "	Gambrill's Scratch Feed
Jacob Dold Packing Co., Buffalo, N. Y.	‡Dold-Quality Meat and Bone Scrap
" " "	‡Dold-Quality Digester Tankage
Donahue-Stratton Co., Milwaukee, Wis.	Hiquality Brewers Dried Grains
Dryden Milling Co., Pocomoke City, Md.	‡Growing Mash
" " "	‡All Mash
" " "	‡Laying Mash
" " "	‡Corn Feed Meal
" " "	‡Starting Feed
" " "	‡Scratch Feed
Duluth-Superior Milling Co., Duluth, Minnesota.	Imperial Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	‡Wheat Standard Middlings, with Ground Screenings N. Ex. M. R.
" " "	Wheat Flour Middlings, with Ground Screenings N. Ex. M. R
" " "	Wheat Flour Middlings, with Ground Screenings N. Ex. M. R.
Eagle Mills, Pocomoke City, Md.	*Drydens Pure Fish Meal
" " "	‡*Drydens Pure Fish Meal
" " "	R. C. D. Laying Mash
" " "	Drydens Hog Meal
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Drydens Chick Starter
" " "	Scratch Feed

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
Ellicott City.....	9.90	20.00	**22.62**	4.00	**4.62**	11.00	**8.29**	5.99	48.58	A.
La Plata.....	10.82	20.00	**19.87**	4.00	**3.65**	12.00	**11.01**	8.17	46.48	As declared on sack
Rowlandsville....	14.67	11.00	**11.87**	2.50	**3.15**	16.00	**13.18**	8.02	49.11	" "
Sykesville.....	8.90	16.00	**18.81**	3.50	**5.22**	12.00	**7.54**	7.98	51.55	B.
Fruitland.....	11.12	20.00	**21.07**	5.00	**5.38**	7.00	**5.82**	8.78	47.83	C.
Waldorf.....	10.52	20.00	**21.94**	5.00	**5.89**	7.00	**5.79**	10.03	45.83	As declared on sack
Waldorf.....	11.52	10.00	**10.10**	3.50	**3.75**	12.00	**10.87**	2.93	60.83	" "
Berwyn.....	12.94	10.00	**10.17**	3.50	**3.93**	12.00	**8.35**	4.00	60.61	" "
Baltimore.....	12.67	18.00	**19.61**	4.00	**4.66**	8.00	**4.83**	8.48	49.75	D.
Baltimore.....	13.09	8.00	**9.74**	3.00	**4.60**	5.00	**2.44**	1.61	68.52	As declared on sack
Rowlandsville....	13.55	4.00	**5.70**	1.00	**.69**	20.00	**14.25**	7.65	58.16	" "
Fruitland.....	10.90	16.00	**18.69**	4.00	**5.65**	4.50	**3.73**	7.40	53.63	E.
Baltimore.....	11.60	10.00	**10.71**	3.00	**3.85**	3.00	**1.20**	1.60	71.04	As declared on sack
Baltimore.....	11.09	10.00	**10.79**	3.00	**3.71**	3.00	**1.56**	2.22	70.63	" "
Baltimore.....	10.74	10.00	**11.67**	3.00	**2.90**	3.00	**1.94**	2.08	70.67	" "
Baltimore.....	11.13	10.00	**11.06**	3.00	**2.64**	4.00	**2.78**	2.04	70.35	F.
Baltimore.....	11.44	10.00	**10.53**	3.00	**2.90**	4.00	**2.62**	2.28	70.23	As declared on sack
Berwyn.....	10.79	10.00	**11.67**	3.00	**2.90**	4.00	**2.59**	1.70	70.35	G.
Bethesda.....	12.20	10.00	**11.67**	3.00	**3.01**	4.00	**3.33**	2.37	67.42	G.
Baltimore.....	11.19	10.00	**11.67**	3.00	**3.14**	4.00	**2.84**	2.19	68.97	As declared on sack
Cumberland.....	6.37	45.00	**48.44**	6.00	**8.39**	5.00	**1.60**	33.36	1.84	As declared on sack
Cumberland.....	6.49	60.00	**63.62**	6.00	**7.98**	5.00	**2.40**	15.22	4.29	H.
Sparks.....	6.00	20.00	**20.01**	5.00	**5.02**	19.00	**16.40**	4.35	48.22	As declared on sack
Pocomoke City..	11.79	16.00	**16.15**	3.50	**3.87**	5.00	**4.53**	7.76	55.90	As declared on sack
Pocomoke City..	10.96	18.00	**18.08**	3.75	**3.92**	5.00	**3.46**	6.88	56.70	" "
Pocomoke City..	10.49	18.00	**18.03**	4.50	**4.53**	8.00	**7.89**	6.92	52.14	" "
Pocomoke City..	12.58	11.00	**11.07**	5.00	**5.15**	3.50	**3.41**	1.23	66.56	" "
Pocomoke City..	11.31	15.50	**15.89**	3.00	**3.39**	5.50	**5.08**	6.12	58.21	" "
Pocomoke City..	12.01	10.00	**10.36**	2.50	**2.95**	4.00	**2.41**	1.68	70.59	" "
Mardela Springs.	8.97	15.00	**17.55**	3.75	**5.81**	13.00	**10.61**	5.67	51.39	As declared on sack
Mardela Springs.	10.51	15.00	**19.04**	4.00	**5.18**	9.50	**6.04**	4.14	55.09	" "
Cumberland.....	9.85	15.00	**18.16**	4.00	**4.97**	6.00	**3.76**	3.36	59.90	" "
Mardela Springs.	11.10	15.00	**18.34**	4.00	**4.85**	6.00	**4.35**	3.15	58.21	" "
Snow Hill.....	7.51	55.00	**60.72**	7.00	**5.73**	3.00	**1.10**	19.59	5.35	As declared on sack
Pocomoke City..	9.24	55.00	**59.76**	7.00	**5.70**	3.00	**.89**	19.35	5.06	" "
Pocomoke City..	10.35	20.00	**21.50**	5.00	**5.12**	8.00	**8.06**	8.86	46.11	" "
Pocomoke City..	11.38	18.00	**18.78**	4.00	**4.38**	7.00	**6.10**	9.40	49.96	" "
Pocomoke City..	8.71	14.00	**13.43**	3.50	**3.24**	10.00	**10.06**	6.18	58.38	" "
Pocomoke City..	11.65	15.00	**15.97**	3.50	**5.14**	5.00	**4.82**	4.31	58.11	" "
Pocomoke City..	8.63	16.00	**19.04**	4.50	**4.01**	6.00	**4.03**	6.30	57.99	I.
Pocomoke City..	11.96	10.00	**10.00**	3.00	**2.62**	5.00	**2.34**	1.44	71.64	As declared on sack

A—Fibre guarantee and ingredients on sack differ from license.
B—Ingredients on sack differ from license; also detected linseed oil meal.
C—Protein, fat and fibre guarantee and ingredients on sack differ from license.
D—Ingredients on sack differ from license.
E—Also detected alfalfa meal; ingredients on sack agrees with 1930 license.
F—Ingredients on sack agrees with 1930 license.
G—Also detected 1% whole weed seeds.
H—Also detected excessive amount of vegetable fibrous material.
I—Also detected Epsom salts; unable to detect salt.

MANUFACTURER AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md.	Oberco 50% Meat and Bone Scrap
" " "	Pure Fish Meal
" " "	Pure Fish Meal
Eastern Cotton Oil Co., Norfolk, Va.	Soya Bean Meal
" " "	Dutch Maid Cottonseed Meal
" " "	‡Dutch Maid Cottonseed Meal
Eastern Grain Growers, Hagerstown, Md.	Farmers Special Dairy Feed
" " "	Atlantic States Egg Mash
" " "	‡Atlantic States Egg Mash
" " "	Atlantic States Hog Feed
" " "	‡Atlantic States Hog Feed
" " "	Atlantic States Scratch Feed
" " "	‡Atlantic States Scratch Feed
Eastern Service Corp., Cambridge, Md.	No. 1 Egg Mash
Easton Milling Co., Easton, Md.	Talbot 32% Special
" " "	Talbot Dairy Feed
" " "	Talbot Laying Mash
" " "	Talbot Pasture Feed
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Pure Corn Meal
" " "	Talbot Scratch Feed
S. T. Edwards & Co., Inc., Chicago, Ill.	Butterfly Brand Dried Skimmed Milk
W. T. Eddington & Son, Federalsburg, Md.	‡Best Laying Mash
" " "	‡Pure Wheat Bran
" " "	‡*Pure Wheat Middlings
" " "	‡*Pure Wheat Middlings
Englar & Sponseller, Westminster, Md.	Meadow-Brook Dairy Feed
" " "	Meadow-Brook Laying Mash
" " "	Meadow-Brook Pig and Hog Meal
" " "	Pure Wheat Bran
" " "	*Wheat Middlings, with M. R. S.
Enterprise Oil Co., Enterprise, Ala.	‡Standard Peanut Meal
Enterprise Tallow & Grease Co., Philadelphia, Pa.	Del-Mar-Va Ground Meat and Bone
" " "	Del-Mar-Va Ground Meat and Bone
" " "	Del-Mar-Va Ground Meat and Bone
" " "	*Del-Mar-Va Ground Meat and Bone
" " "	*Del-Mar-Va Ground Meat and Bone
" " "	Del-Mar-Va Ground Meat and Bone
John W. Eshelman & Sons, Lancaster, Pa.	Challenge Dairy Feed
" " "	*Red Rose 24 Dairy Feed
" " "	Lancaster 20 Dairy Feed
" " "	Pennsy 16 Dairy Feed

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
Maryland Line...	8.50	50.00	**49.41**	8.00	**11.98**	3.00	**1.44**	28.45	.22	As declared on sack
Keymar.....	8.65	56.00	**58.36**	8.00	**8.47**	1.00	**.55**	20.53	3.44	A. As decl'd on sack
Hagerstown	7.35	56.00	**59.67**	8.00	**11.34**	1.00	**.61**	18.90	2.13	A. " "
Providence.....	8.14	48.00	**48.70**	5.50	**6.62**	8.00	**5.26**	6.98	24.30	As declared on sack
Rising Sun.....	6.73	41.00	**41.59**	5.50	**5.92**	10.00	**12.31**	6.29	27.16	" "
Frederick.....	6.65	41.00	**40.98**	5.50	**6.21**	10.00	**10.80**	6.40	28.96	" "
Hagerstown	11.54	16.00	**16.22**	3.00	**3.04**	12.00	**13.90**	8.44	46.86	B.
Hagerstown	10.78	20.00	**21.94**	4.00	**5.28**	6.50	**5.16**	10.36	46.48	As declared on sack
Hagerstown	10.80	20.00	**20.71**	4.00	**5.66**	6.50	**5.29**	10.35	47.19	" "
Hagerstown	10.81	20.00	**21.94**	4.00	**3.99**	6.50	**4.96**	8.21	50.09	" "
Hagerstown	10.75	20.00	**21.59**	4.00	**4.08**	6.50	**5.67**	7.99	49.92	C.
Hagerstown	11.15	9.00	**9.83**	2.50	**2.73**	5.00	**1.96**	1.59	72.74	As declared on sack
Hagerstown	11.13	9.00	**10.79**	2.50	**2.71**	5.00	**2.10**	1.58	71.69	" "
Cambridge.....	10.66	20.00	**21.57**	4.00	**4.87**	7.00	**5.57**	7.04	50.29	As declared on sack
Easton.....	9.16	32.00	**32.08**	4.50	**5.25**	8.00	**6.92**	6.66	39.93	D.
Easton.....	10.53	20.00	**20.70**	4.00	**5.20**	8.00	**7.62**	7.80	48.15	E.
Easton.....	10.37	18.00	**17.79**	4.00	**4.41**	8.00	**8.08**	8.40	50.77	F.
Easton.....	10.59	16.00	**16.83**	3.00	**3.64**	10.00	**8.70**	7.16	53.08	G.
Easton.....	9.06	13.00	**14.57**	4.00	**3.67**	10.00	**9.42**	6.60	56.68	As declared on sack
Easton.....	12.05	11.00	**13.34**	2.50	**2.82**	4.00	**1.78**	2.07	67.94	" "
Easton.....	12.60	9.00	**9.92**	4.00	**3.82**	4.00	**1.46**	1.58	70.62	" "
Easton.....	11.23	9.00	**10.09**	3.00	**2.78**	4.00	**2.75**	1.80	71.35	" "
Berlin.....	6.30	32.00	**35.45**	.25	x**1.00**	.....	.....	8.01	.....	As declared on sack
Federalsburg.....	8.02	20.71	**20.36**	5.80	**5.79**	5.48	**8.14**	15.20	42.49	H. As decl'd on sack
Federalsburg.....	10.01	14.00	**13.86**	4.00	**4.23**	11.00	**9.32**	5.96	56.62	As declared on sack
Princess Anne....	11.40	14.00	**12.99**	4.00	**2.27**	6.00	**1.90**	2.16	69.28	" "
Federalsburg.....	12.00	14.00	**13.16**	4.00	**2.33**	6.00	**1.94**	1.80	68.77	" "
Westminster.....	7.33	24.00	**24.39**	4.50	**5.06**	12.00	**11.20**	5.43	46.59	As declared on sack
Westminster.....	8.20	20.45	**20.62**	5.50	**5.06**	10.75	**9.90**	8.34	47.88	" "
Westminster.....	10.09	17.00	**18.02**	4.25	**3.92**	6.00	**5.93**	6.66	55.38	" "
Westminster.....	11.30	15.50	**15.18**	3.28	**3.42**	10.27	**8.64**	5.84	55.62	" "
Westminster.....	11.00	16.44	**14.22**	4.20	**3.73**	5.71	**4.84**	3.74	62.47	H. As decl'd on sack
Middleburg.....	5.60	45.00	**45.98**	6.50	**9.67**	14.00	**7.70**	4.60	26.45	As declared on sack
Pocomoke City ..	7.10	50.00	**49.14**	10.00	**10.08**	2.00	**2.19**	31.00	.49	As declared on sack
Pocomoke City ..	6.76	50.00	**49.32**	10.00	**10.48**	2.00	**1.92**	31.40	.12	" "
Snow Hill.....	6.95	50.00	**49.41**	10.00	**10.92**	2.00	**1.87**	30.60	.25	" "
Snow Hill.....	6.77	50.00	**47.50**	10.00	**11.68**	2.00	**3.43**	30.43	.19	" "
Snow Hill.....	6.88	50.00	**50.72**	10.00	**6.69**	2.00	**2.06**	26.76	6.89	" "
Westover.....	7.19	50.00	**51.07**	10.00	**11.32**	2.00	**2.06**	26.93	1.43	" "
Boyds	6.77	24.00	**25.24**	4.00	**5.09**	11.00	**9.41**	6.15	47.34	A. As decl'd on sack
St. Michaels.....	10.64	24.00	**27.61**	4.00	**3.36**	11.00	**8.17**	8.50	41.72	As declared on sack
Salisbury.....	11.53	20.00	**21.48**	4.00	**4.01**	11.00	**9.44**	8.77	44.77	" "
St. Michaels.....	10.87	16.00	**18.49**	3.00	**8.01**	11.00	**10.05**	9.90	42.68	I.

A—Ingredients on sack agrees with 1930 license.
B—Also detected salt and calcium carbonate.
C—Also detected wheat bran.
D—Ingredients on sack differ from license.
E—Fibre guarantee and ingredients on sack differ from license; unable to detect alfalfa meal; also detected cottonseed meal and ground barley. F—Also detected ground wheat.
G—Ingredients on sack differ from license; also appreciable amount of ground cockle.
H—Protein, fat and fibre guarantee on sack differ from license.
I—Also detected whole weed seeds. x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
John W. Eshelman & Sons, Lancaster, Pa. (Continued)	Red Rose Laying Mash
" " "	Red Rose Laying Mash
" " "	Red Rose 85 Horse Feed
" " "	Red Rose Calf Starter
" " "	Wheat Bran, with M. R. S.
" " "	*Wheat Flour Middlings, with Screenings
" " "	Dried Beet Pulp
" " "	Dried Beet Pulp
" " "	Red Rose Flaked Feed
" " "	Red Rose Intermediate Chick Feed
" " "	Red Rose Chick Feed
" " "	Red Rose Chick Starter
" " "	Pennsy Scratch Feed
" " "	Red Rose Scratch Feed
" " "	Red Rose Pigeon Feed
Fairchild Milling Co., Cleveland, Ohio.	Wheat Bran, with Gr. Screenings N. Ex. M. R.
Fairfield Western Md. Dairy, Balto., Md.	Skim Milk Powder
Farmers Feed Co., New York, N. Y.	"Bull Brand" Dried Brewers Grains
Farmers Fert. & Feed Co., Westminster, Md.	24% Dairy Feed
" " "	Favorite Laying Mash
" " "	Favorite Pig Meal
" " "	Victor Baby Chick Feed
" " "	Favorite Scratch Feed
Farmers Supply Co., Inc., Denton, Md.	H. W. R. Laying Mash
" " "	Fasuco Hog Feed
Farmers Supply Co., Walkersville, Md.	Hog Feed
Federal Milling Co., Hagerstown, Md.	Grow Big Hog Feed
" " "	*Pure Corn, Oats and Barley
" " "	Fancy Wheat Bran
" " "	‡Fancy Wheat Middlings
" " "	Chick Feed
" " "	Eureka Scratch Feed
" " "	Special Scratch Feed
" " "	Developer Feed
Feed-Mor Products Co., Westminster, Md.	Meat Meal
" " "	Meat Meal
" " "	Meat Meal
" " "	Tankage
Felton & Kelly, Ceresville, Md.	Pure Wheat Bran
" " "	*Pure Wheat Middlings
Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Ideal Poultry Greens
Fort Schuyler Farms, Inc., Utica, N. Y.	Superior Quality Powdered Skim Milk
" " "	‡Superior Quality Powdered Skim Milk

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
St. Michaels.....	9.29	20.00	**21.59**	5.00	**5.95**	7.00	**6.20**	9.58	47.39	As declared on sack
Baltimore.....	8.62	20.00	**21.94**	5.00	**5.67**	7.00	**5.64**	9.60	48.53	" "
Princess Anne....	11.26	9.00	**11.44**	3.00	**3.43**	10.00	**8.34**	4.36	61.17	" "
Pocomoke City ..	9.94	18.00	**25.01**	3.00	**4.58**	5.00	**4.23**	3.33	52.91	" "
Elkton.....	8.98	13.00	**16.59**	4.00	**4.31**	13.00	**11.43**	6.33	52.36	" "
Princess Anne....	10.61	16.00	**16.85**	4.00	**3.44**	6.00	**3.83**	3.01	62.26	" "
Baltimore.....	7.20	8.50	**8.34**	.50	**.20**	20.00	**19.24**	4.35	60.67	" "
Bel Air.....	8.44	8.50	**7.63**	.50	**.57**	20.00	**18.69**	6.49	58.18	" "
Raspeburg.....	10.50	10.00	**10.53**	2.50	**3.51**	11.00	**6.85**	2.44	66.17	" "
Raspeburg.....	12.00	10.00	**11.76**	3.00	**3.18**	3.00	**1.59**	1.66	69.81	" "
Raspeburg.....	11.65	10.00	**12.64**	3.00	**3.56**	3.00	**1.79**	1.50	68.86	" "
Baltimore.....	7.50	15.00	**16.32**	4.00	**4.45**	6.00	**4.59**	7.45	59.69	" "
St. Michaels.....	11.66	9.00	**12.11**	2.50	**2.88**	4.00	**2.82**	2.82	67.71	" "
Reisterstown.....	11.60	10.00	**11.06**	2.50	**2.98**	4.00	**2.58**	1.63	70.15	" "
Salisbury.....	11.41	12.00	**15.88**	3.00	**3.39**	3.00	**3.44**	2.01	63.87	" "
Derwood.....	8.39	14.00	**17.02**	3.50	**5.41**	12.00	**9.89**	6.88	52.41	As declared on sack
Westover.....	7.30	35.00	**35.54**	.50	x**1.50**	.....	.....	8.15	.....	As declared on sack
Woodbine.....	9.62	22.00	**22.46**	6.00	**7.21**	17.00	**17.85**	4.24	38.62	As declared on sack
Westminster.....	7.16	24.00	**26.50**	4.00	**3.63**	12.00	**11.52**	6.86	44.33	As declared on sack
Westminster.....	8.70	20.00	**21.32**	5.00	**4.75**	10.00	**9.62**	7.80	47.81	" "
Westminster.....	9.52	18.00	**18.95**	5.00	**5.99**	10.00	**6.08**	7.25	52.21	" "
Westminster.....	11.01	15.00	**19.31**	3.80	**4.39**	5.00	**4.76**	1.54	58.99	" "
Westminster.....	11.90	10.00	**10.18**	3.00	**2.97**	4.00	**2.85**	1.62	70.48	" "
Denton.....	10.15	20.00	**21.50**	5.00	**5.03**	8.00	**7.32**	11.60	44.40	As declared on sack
Denton.....	10.50	15.00	**15.80**	5.00	**4.55**	7.00	**4.44**	9.44	55.27	" "
Walkersville.....	11.63	15.00	**16.34**	4.00	**3.65**	4.50	**5.81**	4.53	58.04	As declared on sack
Hagerstown	9.28	14.50	**16.06**	4.50	**4.06**	8.00	**4.81**	4.48	61.31	As declared on sack
Hagerstown	11.32	10.00	**11.93**	5.00	**3.50**	9.00	**6.67**	4.40	62.18	" "
Hagerstown	10.70	15.00	**14.30**	4.00	**3.93**	9.50	**10.09**	6.40	54.58	" "
Hagerstown	11.65	15.50	**16.06**	4.00	**4.97**	6.00	**4.29**	3.62	59.41	A.
Hagerstown	10.85	10.00	**10.53**	2.50	**5.08**	5.00	**2.18**	1.71	69.65	B.
Hagerstown	11.45	10.00	**11.85**	2.50	**2.79**	5.00	**2.63**	1.57	69.71	As declared on sack
Hagerstown	11.85	10.00	**11.67**	2.50	**3.03**	5.00	**2.53**	1.66	69.26	" "
Hagerstown	11.45	10.00	**11.23**	2.50	**3.70**	5.00	**2.00**	1.58	70.04	" "
Sykesville.....	8.42	55.00	**56.86**	5.00	**11.55**	4.00	**1.18**	21.40	.59	As declared on sack
Hampstead.....	7.60	55.00	**55.29**	5.00	**12.41**	4.00	**3.03**	21.00	.67	" "
Sykesvile	7.88	55.00	**56.34**	5.00	**11.99**	4.00	**1.02**	22.48	.29	" "
Westminster.....	6.42	35.00	**36.42**	5.00	**25.78**	5.00	**4.81**	12.04	14.53	C.
Ceresville	10.70	13.00	**14.04**	3.00	**2.80**	10.00	**10.06**	6.39	56.01	As declared on sack
Ceresville	11.00	14.00	**12.81**	2.00	**2.68**	5.00	**3.25**	2.50	67.76	" "
Owings Mills	12.31	20.00	**19.31**	3.00	**2.77**	18.00	**19.53**	12.07	34.01	As declared on sack
Hagerstown	.....	32.00	**32.21**	.25	x**1.15**	.....	.....	8.51	.....	As declared on sack
Annapolis.....	.....	32.00	**34.05**	.25	x**1.15**	.....	.....	8.37	.....	" "

A—Also detected screenings.
B—Unable to detect millet.
C—Also detected vegetable fibrous material.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Galestown Milling Co., Galestown, Md.	*Never Stop Laying Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	‡Scratch Feed
Gambrill Grain Products Co., Balto., Md.	Aliceanna Laying Mash
" " "	Aliceanna Growing Mash
" " "	B. M. Feed
" " "	Gammalt
" " "	Cerezyme
" " "	Corn Meal
" " "	Pure Rye Chop
Gardener & Yowaiski Milling Co., Chaptico, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
	Scratch Feed
General Mills, Inc., Minneapolis, Minn.	‡North Star Egg Mash, with DBM
" " "	Gold Medal Pure Hard Wheat Adrian Red Dog.
" " "	Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
" " "	‡North Star Chick Feed N. G.
" " "	Gold Medal Scratch Feed N. G.
" " "	‡North Star Scratch Feed N. G.
Glade Valley Milling Co., Walkersville, Md.	Gee Vee Dairy Feed
" " "	Gee Vee Laying Mash
" " "	Pure Winter Wheat Bran
" " "	Winter Wheat Middlings M. R. S.
Green-Mish Co., Washington, D. C.	"Green Tag Brand" Cottonseed Meal
" " "	"Green Tag Brand" Prime Peanut Meal
" " "	Dried Beet Pulp
Gwinn Milling Co., Columbus, Ohio.	‡Golden Grain Scratch
Hales & Hunter Co., Chicago, Ill.	‡Morning Glory Egg Mash, with DBM
" " "	‡Red Comb Fine Chick N. G.
" " "	‡Red Comb Chick Starter, with DBM
" " "	Red Comb Scratch Feed
Hampstead Fertilizer Co., Hampstead, Md.	R-E-M Home Made Laying Mash
Hampstead Milling Co., Hampstead, Md.	‡*Winter Wheat Bran M. R. S.
" " "	Winter Wheat Middlings M. R. S.
Frank Harbaugh, Middleburg, Md.	Middleburg Special Dairy Feed
" " "	Use More Dairy Feed
" " "	Use More Egg and Growing Mash
" " "	Use More Pig and Hog Meal
Hendrix Supply Co., White Hall, Md.	‡Roughage with Corn

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Galestown.....	10.36	20.00	**21.94**	4.00	**3.34**	7.50	**4.76**	7.01	52.59	As declared on sack
Galestown.....	9.17	14.00	**15.53**	3.50	**3.53**	10.00	**9.30**	6.00	56.47	" "
Galestown.....	10.56	14.00	**15.45**	3.50	**3.26**	5.00	**2.09**	2.21	66.43	" "
Galestown.....	11.67	10.00	**10.88**	3.00	**3.40**	3.00	**2.89**	2.67	68.49	" "
Baltimore.....	10.37	20.00	**21.41**	3.50	**5.20**	8.00	**7.07**	7.90	48.05	As declared on sack
Baltimore.....	9.66	16.00	**19.83**	4.00	**5.91**	7.00	**6.10**	7.79	50.71	" "
Baltimore.....	7.57	13.00	**13.35**	2.00	**2.00**	9.00	**6.06**	3.56	67.46	" "
Baltimore.....	10.41	13.00	**14.13**	2.70	**2.21**	5.00	**6.20**	3.43	63.62	" "
Baltimore.....	6.48	13.00	**12.81**	2.00	**2.03**	5.00	**5.47**	2.57	70.64	" "
Baltimore.....	13.99	9.00	**10.53**	3.00	**4.23**	2.00	**1.94**	1.30	68.01	" "
Baltimore.....	11.64	10.50	**12.46**	1.50	**1.48**	2.00	**2.40**	2.11	69.91	A. As decl'd on sack
Chaptico.....	9.68	14.00	**15.97**	3.50	**4.85**	10.00	**9.93**	6.44	53.13	As declared on sack
Chaptico.....	12.43	14.00	**13.69**	4.00	**4.01**	6.00	**3.50**	2.96	63.41	" "
Chaptico.....	12.22	10.00	**10.27**	2.50	**2.58**	5.00	**2.67**	2.24	70.02	" "
Grantsville.....	9.65	18.00	**17.99**	5.00	**5.48**	7.00	**6.86**	9.50	50.52	As declared on sack
Baltimore.....	9.60	16.00	**15.71**	3.50	**3.04**	4.00	**1.22**	1.98	68.45	" "
Sykesville.....	10.95	15.00	**17.02**	4.00	**5.26**	9.50	**7.39**	4.89	54.49	" "
Grantsville.....	11.54	9.50	**11.23**	2.00	**3.76**	5.00	**1.77**	1.50	70.20	" "
Baltimore.....	11.20	10.00	**12.81**	3.00	**2.92**	4.00	**2.67**	1.70	68.70	" "
Grantsville.....	11.47	9.00	**12.13**	2.50	**2.82**	5.00	**2.92**	1.63	69.03	" "
Walkersville.....	11.85	20.00	**20.71**	3.00	**3.22**	9.00	**10.13**	10.32	43.77	As declared on sack
Walkersville.....	11.03	20.00	**21.15**	5.00	**4.92**	6.00	**5.57**	12.23	45.10	" "
Walkersville.....	9.70	15.00	**15.27**	4.00	**3.99**	12.00	**9.61**	5.27	56.16	" "
Walkersville.....	9.80	16.00	**15.97**	4.00	**4.04**	6.00	**4.02**	4.60	61.57	" "
Rising Sun.....	6.70	41.00	**41.33**	6.00	**6.71**	10.00	**10.55**	6.28	28.43	As declared on sack
Cardiff.....	9.46	45.00	**48.62**	6.00	**7.55**	12.00	**11.61**	5.85	16.91	" "
Providence.....	9.41	8.00	**9.04**	.50	**.59**	18.00	**18.33**	3.60	59.03	" "
Frostburg.....	11.17	10.00	**12.62**	2.00	**2.67**	6.00	**2.35**	1.64	69.55	B.
Baltimore.....	8.00	20.00	**21.94**	4.50	**5.46**	8.00	**6.16**	7.94	50.50	As declared on sack
Baltimore.....	8.80	10.00	**11.14**	2.50	**2.64**	5.00	**1.12**	1.21	75.09	" "
Baltimore.....	8.87	15.00	**18.78**	4.00	**5.25**	5.00	**4.97**	8.95	53.18	" "
Baltimore.....	12.14	10.00	**11.23**	2.50	**2.84**	5.00	**2.73**	1.74	69.32	" "
Hampstead.....	8.27	20.00	**20.01**	4.50	**5.02**	8.00	**8.53**	9.53	48.64	As declared on sack
Hampstead.....	10.65	14.00	**14.22**	4.00	**3.32**	10.50	**9.15**	3.80	58.86	As declared on sack
Hampstead.....	11.05	15.00	**14.74**	4.00	**4.45**	6.00	**4.22**	5.31	60.23	" "
Woodsboro.....	7.25	24.00	**24.92**	4.00	**3.80**	10.00	**11.12**	7.28	45.63	C. As decl'd on sack
Woodsboro.....	9.78	16.50	**18.78**	4.00	**5.04**	10.00	**13.17**	6.39	46.84	C. " "
Medford.....	8.54	20.00	**20.62**	4.00	**4.53**	7.00	**6.95**	9.75	49.61	As decared on sack
Medford.....	7.43	18.00	**18.95**	5.00	**6.84**	5.00	**6.13**	8.11	52.54	D.
White Hall.....	14.90	6.00	**6.45**	1.50	**1.79**	19.00	**18.08**	9.10	49.65	As declared on sack

A—Fat and fibre guarantee on sack differ from license.
B—Unable to detct Kaffir and milo; feed contains over 98% cracked corn and wheat.
C—Ingredients on sack differ from license.
D—Also detected tankage and palmo middlings.

MANUFACTURER AND ADDRESS	NAME OF FEED
De Vries R. Hering, Sykesville, Md.	Laying Mash
" " "	Pure Wheat Bran
" " "	†Pure Wheat Middlings
Herrman-McLean Co., Cleveland, Ohio.	‡Compass Scratch Grains
Hespenheide & Thompson, York, Pa.	†Premier 32% Farm Mixing Feed
" " "	Premier 20% Dairy Feed
" " "	Premier 16% Dairy Feed
" " "	Premier Egg Mash, with BM., Charcoal and Minerals
" " "	Premier Growing Mash, with BM.
" " "	Premier 85% Horse Feed
" " "	Premier Pig and Hog Meal
" " "	Premier Chick Feed
" " "	Premier Baby Chick Starter
" " "	Premier Baby Chick Starter, with Cod Liver Oil and Meal
Hickerson Bros., Rockville, Md.	Corn Bran and Wheat Bran
" " "	C & O Feed
" " "	Pure Wheat Middlings
Smith Hoyle, Boyds, Md.	Pure Wheat Bran
" " "	*Pure Wheat Middlings
John P. Howard, Hagerstown, Md.	Scratch Grains
" " "	Pigeon Feed without Corn
Hubinger Company, Keokuk, Iowa.	Ke-OK-uk Corn Gluten Feed
Humphreys-Godwin Co., Memphis, Tenn.	Dixie Brand Cottonseed Meal
" " "	Dixie Brand Cottonseed Meal
" " "	‡Dixie Brand Cottonseed Meal
" " "	‡Dixie Brand Cottonseed Meal
" " "	Danish Brand Cottonseed Feed
Hurlock Milling Co., Hurlock, Md.	*Best Quality Laying Mash
" " "	Wheat Bran
" " "	*Pure Wheat Middlings
Independent Mfg. Co., Philadelphia, Pa.	55% Beef Scrap and Bone
" " "	‡55% Beef Scrap and Bone
" " "	50% Beef Scrap and Bone
" " "	45% Meat Scrap and Bone
" " "	‡Feeding Bone Meal
International Milling Company, Minneapolis, Minn.	Blackhawk Wheat Red Dog
" " "	Blackhawk Pure Wheat Bran
" " "	Blackhawk Pure Wheat Bran
" " "	Blackhawk Wheat Flour Middlings
W. J. Jennison Co., Minneapolis, Minn.	Sweet Cream Wheat Flour Mid., with M. R. S.

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Sykesville	10.15	19.00	**21.59**	5.00	**5.32**	10.00	**8.25**	8.10	46.59	As declared on sack
Sykesville	9.00	14.00	**13.95**	4.00	**3.51**	10.00	**9.36**	6.60	57.58	" "
Sykesville	12.98	14.00	**11.14**	4.00	**2.56**	6.00	**1.67**	2.37	69.28	" "
Cumberland	12.02	10.00	**11.93**	3.00	**3.92**	4.00	**4.17**	1.87	66.09	As declared on sack
Parkton	10.21	32.00	**30.96**	4.50	**3.93**	10.00	**6.73**	6.73	41.44	As declared on sack
Parkton	8.75	20.00	**20.53**	4.00	**4.35**	12.00	**9.58**	6.02	50.77	" "
Parkton	10.79	16.00	**18.95**	3.00	**4.94**	12.00	**9.38**	8.50	47.44	A.
Parkton	10.02	20.00	**20.80**	4.50	**4.96**	7.00	**6.37**	11.17	46.68	As declared on sack
Parkton	9.41	17.00	**21.15**	4.50	**5.86**	7.00	**7.58**	10.95	45.05	B. As decl'd on sack
Parkton	12.96	9.00	**10.33**	3.00	**2.74**	10.00	**7.53**	4.60	61.84	As declared on sack
Parkton	9.93	16.00	**18.87**	4.00	**4.69**	7.00	**5.68**	8.05	52.78	" "
Parkton	11.49	10.00	**11.85**	2.50	**2.83**	4.00	**1.30**	1.39	71.14	" "
Cardiff	8.95	14.00	**17.11**	4.00	**4.63**	4.00	**3.95**	6.18	59.18	C.
Cardiff	8.21	14.00	**20.45**	4.00	**5.49**	4.00	**3.27**	8.24	54.34	D. As decl'd on sack
Rockville	9.53	14.00	**16.06**	3.00	**3.32**	11.00	**10.59**	4.63	55.87	As declared on sack
Rockville	9.95	9.00	**10.97**	2.50	**5.20**	8.00	**7.50**	2.95	63.43	" "
Rockville	11.17	13.00	**15.80**	3.00	**3.22**	5.00	**3.77**	2.79	63.25	" "
Boyds	8.41	12.99	**14.48**	4.03	**4.91**	8.74	**9.03**	5.67	57.50	As declared on sack
Boyds	10.29	14.48	**15.09**	4.75	**4.10**	5.13	**3.99**	3.15	63.38	" "
Hagerstown	11.87	10.00	**10.97**	2.50	**2.94**	4.00	**2.91**	1.64	69.67	As declared on sack
Hagerstown	11.17	14.00	**14.04**	3.00	**3.98**	4.00	**3.64**	2.18	64.99	" "
Hagerstown	8.10	23.00	**28.78**	2.00	**3.36**	8.50	**7.42**	5.53	46.81	As declared on sack
Westminster	6.75	41.12	**41.16**	5.00	**5.49**	10.00	**12.55**	6.28	27.77	As declared on sack
Bel Air	6.80	41.12	**40.72**	5.00	**5.57**	10.00	**10.28**	7.10	29.53	" "
Sykesville	7.01	41.12	**41.07**	5.00	**5.81**	10.00	**11.92**	6.30	27.89	" "
Baltimore	6.62	41.12	**41.07**	5.00	**5.39**	10.00	**11.68**	6.70	28.54	" "
Westminster	6.70	36.00	**37.03**	5.00	**4.90**	15.00	**15.17**	6.00	30.20	" "
Hurlock	8.26	20.50	**20.18**	4.95	**4.10**	9.62	**6.45**	14.20	46.81	E. As decl'd on sack
Hurlock	8.78	14.50	**14.48**	4.00	**3.60**	9.00	**10.32**	7.10	55.72	As declared on sack
Hurlock	11.94	15.00	**14.39**	4.00	**3.20**	5.00	**1.30**	3.46	65.71	F. " "
Denton	5.81	55.00	**56.16**	8.00	**9.63**	3.00	**2.72**	25.43	.25	As declared on sack
Denton	5.04	55.00	**56.16**	8.00	**10.00**	3.00	**2.80**	25.68	.32	" "
Providence	9.95	50.00	**49.58**	8.00	**10.44**	3.00	**2.33**	27.48	.22	" "
Denton	9.89	45.00	**46.69**	8.00	**10.96**	3.00	**1.99**	30.24	.23	" "
Denton	8.70	23.00	**25.97**	.....	.....	.....	.....	.....	.....	" "
Baltimore	10.45	16.00	**17.38**	3.50	**4.64**	4.00	**3.27**	1.69	62.57	As declared on sack
Maugansville	9.60	15.00	**16.41**	3.20	**4.61**	12.00	**9.48**	7.40	52.50	" "
Rising Sun	9.74	15.00	**17.55**	3.20	**5.31**	12.00	**9.84**	6.61	50.95	" "
Rising Sun	9.65	16.00	**18.08**	3.50	**3.82**	4.00	**2.22**	2.38	63.85	" "
Friendsville	11.18	16.00	**18.34**	4.00	**3.90**	6.00	**3.87**	3.14	59.57	As declared on sack

A—Also detected ground corn.
B—Ingredients on sack differ from license.
C—Protein guarantee on sack differs from license; also detected salt; unable to detect Epsom salts.
D—Protein guarantee on sack differs from license.
E—Protein, fat and fibre guarantee on sack differ from license.
F—Protein and fibre guarantee on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Jerusalem Roller Mills, Kingsville, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
R. D. Johnson Milling Co., Cumberland, Maryland.	Atlas Dairy Ration
	Atlas Egg Mash
" " "	*Wheat Bran and Screenings
" " "	Wheat Shorts
" " "	Atlas Scratch Feed
Kasco Mills, Inc., Waverly, N. Y.	Mormilk Dairy Ration
" " "	Beatsall Milk Grains
" " "	‡*16% Dairy Feed
" " "	All Mash Laying Food
" " "	Pig-Hog Feed
" " "	All Mash Chick Food
" " "	Scratch Grains
Keedysville Milling Co., Inc., Keedysville, Md.	Eureka Dairy Feed
	Eureka Laying Mash
" " "	†Eureka Hog Ration
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
L. Kellum & Co., Baltimore, Md.	‡Dry Mash
" " "	‡Scratch Grains
Kentucky Feed Mills, Louisville, Ky.	Marshall's 24% Dairy Feed
" " "	Star Dairy Feed
Key Grain & Feed Co., Keymar, Md.	Laying Mash
" " "	Pig Meal
Keystone Stores Corp., Pittsburgh, Pa.	‡Mixed Grains
King Brothers & Co., Philadelphia, Pa.	‡Dried Beet Pulp
King Midas Mill Co., Minneapolis, Minn.	‡Snowball Wheat Flour Mid. and Gr. Wheat Scr.
Kline Bros., Inc., Boonsboro, Md.	Pure Winter Wheat Bran
" " "	Pure Winter Wheat Middlings
" " "	Scratch Grains
Charles F. Knock, Frederick, Md.	Laying Mash
" " "	Chick Feed
" " "	Scratch Feed
" " "	Medium Scratch Feed
Kraft-Phenix Cheese Corp., Chicago, Ill.	Milk Sugar Feed
Chas. A. Krause Milling Co., Milwaukee, Wisconsin.	Blue Top Egg Mash
	Koo Koo Three in One Mash Ration
" " "	Blue Top Horse Feed

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
Kingsville.....	9.97	14.00	**15.09**	3.00	**3.65**	10.00	**7.69**	5.11	58.49	As declared on sack
Kingsville.....	11.07	14.00	**14.57**	3.50	**3.95**	6.00	**5.44**	3.47	61.50	" "
Cumberland.....	9.67	22.00	**20.80**	4.00	**4.59**	12.00	**8.40**	8.53	48.01	A.
Cumberland.....	10.13	20.00	**21.50**	4.00	**4.60**	9.00	**5.68**	7.97	50.12	B.
Cumberland.....	10.41	15.02	**16.32**	5.22	**4.55**	8.70	**8.51**	5.83	54.38	C.
Cumberland.....	11.18	17.00	**17.46**	5.00	**5.00**	6.00	**7.41**	4.57	54.38	D.
Cumberland.....	11.85	11.50	**11.23**	3.46	**3.37**	2.48	**3.22**	1.66	68.67	E.
Maple Grove	7.48	24.00	**25.80**	4.50	**4.72**	10.00	**8.92**	7.53	45.55	As declared on sack
Maple Grove	8.81	22.00	**24.31**	4.50	**4.95**	10.00	**9.24**	7.30	45.39	" "
Maple Grove	9.73	16.00	**19.01**	4.50	**3.57**	12.00	**12.44**	8.34	46.91	" "
Maple Grove	9.25	15.00	**17.38**	4.00	**4.50**	6.00	**5.26**	8.10	55.51	" "
Maple Grove	12.19	17.00	**19.83**	4.50	**4.51**	7.50	**7.73**	6.58	49.16	" "
Maple Grove....	9.39	17.00	**19.66**	4.00	**4.78**	5.50	**5.33**	9.76	51.08	" "
Maple Grove....	11.70	9.00	**10.00**	2.50	**2.39**	4.00	**2.52**	1.73	71.66	" "
Keedysville.....	7.92	17.00	**17.55**	4.47	**4.46**	8.43	**8.90**	8.94	52.23	As declared on sack
Keedysville.....	8.64	20.00	**20.36**	5.00	**5.02**	7.00	**6.20**	10.14	49.64	F. As decl'd on sack
Keedysville.....	10.42	17.50	**16.10**	4.35	**3.44**	4.10	**3.61**	10.44	55.99	As declared on sack
Keedysville.....	10.25	14.00	**14.04**	4.00	**4.03**	8.35	7.82	5.45	58.41	" "
Keedysville.....	11.65	14.20	**13.34**	3.50	**2.84**	3.25	**2.66**	2.23	67.28	" "
Baltimore.....	8.06	16.00	**19.92**	3.50	**3.50**	10.00	**8.84**	11.71	47.97	As declared on sack
Baltimore.....	11.40	10.00	**11.58**	3.00	**3.14**	5.00	**3.11**	3.09	67.68	G.
Cumberland.....	11.45	24.00	**24.35**	4.50	**4.34**	12.00	**9.29**	10.11	40.46	As declared on sack
Cumberand.....	11.82	16.50	**16.18**	3.50	**3.35**	15.00	**17.60**	12.80	38.25	" "
Union Bridge....	7.52	19.00	**19.74**	5.00	**5.53**	7.00	**6.00**	8.68	52.53	As declared on sack
Union Bridge....	7.65	17.00	**18.25**	4.50	**4.75**	7.00	**5.63**	7.16	56.56	J. As decl'd on sack
Frostburg.....	11.75	9.00	**12.55**	2.50	**2.35**	5.00	**2.74**	1.48	69.13	H. As decl'd on sack
Easton.....	7.30	7.50	**7.81**	.50	**.35**	20.00	**18.97**	5.16	60.41	As declared on sack
Frederick.....	10.25	16.00	**18.43**	4.00	**5.05**	6.00	**6.14**	4.15	55.98	As declared on sack
Benevola.....	10.07	14.00	**14.48**	4.00	**4.29**	9.00	**10.06**	7.19	53.91	As declared on sack
Benevola.....	11.63	15.00	**15.27**	4.00	**3.73**	5.00	**3.43**	2.90	63.04	" "
Benevola.....	11.40	9.00	**10.71**	2.50	**3.16**	6.00	**2.41**	1.70	70.62	I.
Frederick.....	8.96	15.00	**18.52**	3.00	**5.61**	10.00	**5.53**	9.36	52.02	As declared on sack
Frederick.....	11.18	9.00	**10.97**	3.00	**4.42**	5.00	**1.50**	1.50	70.43	" "
Frederick.....	11.50	9.00	**10.18**	3.00	**2.61**	5.00	**2.19**	1.33	72.19	" "
Frederick.....	11.82	9.00	**10.44**	3.00	**3.35**	5.00	**2.46**	1.65	70.28	" "
Baltimore.....	.....	12.00	**13.60**	.50	x**1.35**	.....	.....	7.98	.....	As declared on sack
Hampstead.....	10.34	20.00	**21.41**	4.00	**4.94**	7.50	**5.53**	7.80	49.98	K. As decl'd on sack
Hampstead.....	10.94	16.00	**16.41**	5.00	**4.92**	6.50	**5.20**	7.28	55.25	L.
Annapolis.....	10.86	10.00	**10.92**	1.00	**2.82**	16.00	**10.11**	4.13	61.16	As declared on sack

A—Protein, fat and fibre guarantee and ingredients on sack differ from license; also detected buckwheat middlings.
B—Protein, fat and fibre guarantee and ingredients on sack differ from license; also detected linseed oil meal; unable to detect wheat bran.
C—Protein, fat and fibre guarantee on sack differ from license. D—Also detected screenings.
E—Unable to detect millet; also detected oats and .6% weed seeds consisting chiefly of thistle and yellow foxtail; also .25% straw stems. F—Fat and fibre guarantee on sack differ from license.
G—Also detected buckwheat. H—Fibre guarantee on sack differs from license.
I—Unable to detect sunflower seed; also detected 3.70% cockle; wheat badly weevil cut.
J—Fat guarantee and ingredients on sack differ from license.
K—Ingredients on sack differ from license. L—Also detected ground oats.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Chas. A. Krause Milling Co., Milwaukee, Wisconsin. (Continued)	Blue Top Horse Feed
" " "	Badger Yellow Hominy Feed
" " "	*Koo Koo Chick Feed N. G.
" " "	Bingo Scratch Feed
	Blue Top Scratch Feed N. G.
H. Curtis Krout, Maryland Line, Md.	Egg Mash
" " "	Baby Chick Mash
La Grange Mills, Red Wing, Minn.	Pure Wheat Flour Middlings
Larrowe Milling Co., Detroit, Mich.	Larro The Ready Ration for Dairy Cows
" " "	Larro The Ready Ration for Dairy Cows
" " "	Larro Egg Mash
" " "	Larro Growing Mash
" " "	Larro Growing Grains
" " "	Larro Poultry Fattening Feed
" " "	Larro Turkey and Game Bird Starter
" " "	Larro Turkey and Game Bird Adult Mash
" " "	Larro Turkey and Game Bird Developer
" " "	Larro Hog Feed
" " "	Larro Broiler Feed
" " "	Dried Beet Pulp
" " "	Dried Beet Pulp
" " "	Larro Chick Starter
" " "	Larro Chick Grains
" " "	Larro Scratch Grains
Leitersburg Mill, Leitersburg, Md.	‡Corn, Oats and Barley Chop
" " "	Wheat Bran
" " "	Wheat Middlings
Liberty Milling Co., Germantown, Md.	*Montgomery 26% Dairy Ration
" " "	22% Dairy Ration
" " "	Egg Mash
" " "	Growing Mash
" " "	Hog Meal
" " "	Pure Winter Wheat Bran
" " "	Soft Winter Wheat Mid., with M. R. S.
" " "	‡Baby Chick Starter
" " "	Scratch Grains
Linwood Elevator Co., Inc., Linwood, Md.	*Dairy Feed
" " "	Laying Mash
" " "	*Complete Pig Meal
L. B. Lovitt & Co., Memphis, Tenn.	*41% Cottonseed Meal
" " "	*41% Cottonseed Meal
Maritime Milling Co., Inc., Buffalo, N. Y.	Bull Brand Dairy Ration Sweetened
" " "	BB. Hi-Test Dairy Feed Sweetened
" " "	BB. Marmico 16% Dairy Feed, with Molasses
" " "	‡BB. Vitamized Control Mash, with Milk Sugar Feed and DBM

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
Baltimore	11.75	10.00	**11.28**	1.00	**3.12**	16.00	**11.30**	4.11	58.44	As declared on sack
Hampstead	9.00	10.00	**11.23**	6.00	**7.02**	5.00	**3.26**	1.41	68.08	" "
Hampstead	9.30	10.00	**11.58**	2.50	**1.87**	5.00	**1.67**	2.05	73.53	" "
Annapolis	11.50	10.00	**12.11**	2.50	**2.67**	5.00	**2.84**	1.69	69.19	A.
Hampstead	11.60	10.00	**11.50**	2.50	**2.89**	5.00	**2.60**	1.74	69.67	As declared on sack
Maryland Line	8.66	20.00	**21.76**	4.00	**5.42**	7.00	**6.92**	10.67	46.57	As declared on sack
Maryland Line	9.94	15.00	**16.15**	4.00	**6.55**	5.50	**5.83**	9.90	51.63	" "
Adamstown	10.65	16.00	**19.13**	4.00	**4.24**	4.50	**2.50**	2.60	60.88	As declared on sack
Baltimore	9.84	20.00	**21.94**	4.00	**3.96**	12.00	**9.40**	6.43	48.43	As declared on sack
Laurel	9.57	20.00	**21.41**	4.00	**4.15**	12.00	**9.46**	6.53	48.88	" "
Baltimore	9.11	19.00	**21.50**	5.00	**5.13**	8.00	**6.36**	12.17	45.73	B. As decl'd on sack
Baltimore	9.83	16.00	**17.11**	4.50	**4.73**	6.50	**5.95**	8.47	53.91	As declared on sack
Baltimore	10.60	10.00	**12.46**	2.00	**2.65**	3.50	**1.96**	1.41	70.92	" "
Baltimore	9.89	14.00	**16.32**	4.00	**5.18**	7.50	**5.31**	7.48	55.82	" "
Baltimore	9.92	17.00	**18.87**	4.50	**5.75**	6.50	**5.87**	9.52	50.07	" "
Baltimore	9.84	16.00	**17.99**	4.50	**5.80**	7.50	**6.67**	10.75	48.95	" "
Baltimore	9.83	16.50	**19.31**	4.50	**5.09**	7.00	**6.92**	10.36	48.49	" "
Baltimore	9.93	18.00	**19.39**	5.00	**5.74**	10.00	**8.33**	6.44	50.17	" "
Baltimore	10.56	15.00	**16.94**	4.50	**5.09**	7.00	**5.80**	9.28	52.33	" "
Middleburg	8.04	8.00	**8.86**	.50	**.40**	22.00	**18.54**	3.25	60.91	" "
Baltimore	8.06	8.00	**8.78**	.50	**.70**	22.00	**18.61**	3.36	60.49	" "
Baltimore	9.74	16.50	**17.64**	4.50	**5.31**	5.00	**4.78**	8.52	54.01	" "
Baltimore	11.03	10.00	**12.90**	2.00	**2.65**	3.50	**1.52**	2.76	69.14	" "
Baltimore	11.95	10.00	**11.06**	2.00	**3.12**	3.50	**2.12**	2.35	69.40	" "
Leitersburg	12.74	11.00	**11.01**	3.50	**3.73**	5.00	**3.91**	2.44	66.17	As declared on sack
Leitersburg	10.15	14.00	**16.32**	4.00	**4.16**	8.35	**10.75**	6.08	52.54	" "
Leitersburg	11.35	14.50	**14.48**	4.00	**4.09**	6.00	**2.94**	2.44	64.70	" "
Germantown	8.26	26.00	**26.06**	5.00	**4.13**	9.00	**9.01**	8.92	43.62	As declared on sack
Germantown	7.40	22.00	**24.04**	5.00	**4.98**	10.00	**9.68**	9.26	44.64	" "
Germantown	8.99	19.00	**20.71**	4.50	**5.31**	7.00	**7.38**	10.80	46.81	" "
Germantown	9.23	16.00	**18.69**	4.00	**5.79**	6.50	**6.77**	10.81	48.71	" "
Germantown	10.54	15.00	**15.27**	4.50	**4.27**	5.00	**5.05**	8.70	56.17	" "
Germantown	9.49	14.00	**16.06**	4.00	**5.04**	10.50	**9.06**	6.99	53.36	" "
Germantown	11.78	15.00	**14.57**	4.00	**4.35**	6.00	**4.69**	3.13	61.48	" "
Germantown	10.01	12.00	**12.46**	4.00	**4.37**	3.50	**2.79**	7.74	62.63	" "
Germantown	11.57	10.00	**10.35**	3.00	**2.93**	5.00	**2.42**	1.54	71.19	" "
Linwood	7.80	16.00	**19.74**	3.50	**2.66**	12.00	**11.66**	9.99	48.15	As declared on sack
Linwood	8.25	18.00	**18.87**	4.50	**4.58**	8.00	**8.24**	11.55	48.51	" "
Linwood	10.01	15.00	**17.56**	5.00	**3.61**	6.00	**5.48**	9.54	53.80	C.
Middleburg	5.65	41.00	**41.16**	6.00	**5.28**	10.00	**11.81**	6.31	29.79	As declared on sack
Thurmont	5.70	41.00	**41.07**	6.00	**5.39**	10.00	**12.13**	6.34	29.37	" "
Baltimore	10.82	24.00	**24.55**	5.00	**4.55**	12.00	**8.92**	7.83	43.33	B. As decl'd on sack
Mardela Springs	11.42	20.00	**20.38**	4.50	**4.55**	12.00	**10.28**	8.89	44.48	As declared on sack
Clinton	10.68	16.00	**18.38**	4.00	**5.34**	12.00	**7.14**	10.63	47.83	" "
Towson	9.67	14.00	**15.27**	2.50	**3.37**	4.00	**4.12**	9.30	58.27	" "

A—Unable to detect buckwheat.
B—Ingredients on sack agrees with 1930 license.
C—Unable to deetct linseed oil meal; also detected ground barley, calcium carbonate and salt.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co., Inc., Buffalo, N. Y. (Continued)	*Bull Brand Laying Mash, with DBM
" " "	Vitamized Bull Brand Growing Mash
" " "	BB. Horse Feed, with Alfalfa and Molasses
" " "	Bull Brand Chick Feed
" " "	Bull Brand Scratch Feed
	*Bull Brand Pigeon Feed
Lewis S. Martin, Maugansville, Md.	Sweet Sixteen
" " "	*Laying Mash
C. W. McFadden & Sons, Pylesville, Md.	*Laying Mash
" " "	‡Pure Buckwheat Middlings
" " "	*Pure Wheat Bran
" " "	†Pure Wheat Middlings
Mennel Milling Co., Toledo, Ohio.	‡Corn Feed Meal
" " "	Pure Hard Wheat Bran
Henry Mesner & Son, Baltimore, Md.	E-Z-Fed Dairy Feed
" " "	E-Z-Fed Calf Meal
" " "	E-Z-Fed Laying Mash, with BM.
" " "	*E-Z-Fed C & O Feed
" " "	E-Z-Fed Baby Chick Starter, with BM.
" " "	E-Z-Fed Scratch Feed
Leo H. Michael, Buckeystown, Md.	‡Laying Mash
" " "	‡Scratch Feed
Milwaukee Grains & Feed Co., Milwaukee, Wis.	‡Crown Brewers Dried Grains
Minneapolis Mill. Co., Minneapolis, Minn.	‡Wheat Bran, with Gr. Screen. N. Ex. M. R.
Montgomery Ward & Co., Baltimore, Md.	Pilgrims Egg Mash
" " "	Pilgrims Growing Mash
" " "	Pilgrims Baby Chick Starter
Mystic Mills, Sioux City, Iowa.	‡Yellow Hominy Feed
Newsome Feed & Grain Co., Pittsburgh, Pa.	Palmo Midds
Northern Illinois Cereal Co., Lockport, Ill.	Gold Medal Fine Ground Feeding Oatmeal
" " "	Reground Oat Feed
Northwestern Consolidated Milling Co., Minneapolis, Minn.	XXX Comet
" " "	Pure Wheat Bran
	Pure Wheat Bran
Northwestern Elevator & Mill Co., Toledo, Ohio.	Taylor's Wheat Middlings, with Ground Screenings N. Ex. M. R.
Norton & Co., Washington, D. C.	*Bone and Meat Scrap

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore.....	10.45	20.00	**21.76**	5.00	**4.24**	8.00	**7.22**	10.99	45.34	A. As decl'd on sack
Baltimore.....	9.90	18.00	**17.55**	5.00	**5.52**	7.00	**6.43**	7.43	53.17	B. " "
Baltimore.....	11.47	8.00	**10.52**	2.00	**3.16**	10.00	**8.95**	4.56	61.34	As declared on sack
Baltimore.....	10.80	11.00	**12.29**	2.50	**2.37**	4.00	**2.09**	1.31	71.14	" "
Baltimore.....	11.65	10.00	**12.99**	2.50	**2.87**	5.00	**3.07**	2.10	67.32	C. As decl'd on sack
Baltimore.....	12.00	11.00	**15.53**	4.00	**3.35**	4.00	**4.82**	1.84	62.46	As declared on sack
Maugansville....	11.03	16.00	**15.96**	3.50	**5.48**	12.00	**12.07**	8.22	47.24	As declared on sack
Maugansville....	12.87	20.00	**20.80**	5.00	**4.04**	8.00	**6.73**	12.23	43.33	" "
Pylesville.....	10.62	20.00	**20.80**	5.00	**3.89**	6.00	**4.88**	6.94	52.87	D.
Pylesville.....	11.06	31.00	**31.11**	6.00	**6.74**	6.00	**5.90**	4.75	40.44	As declared on sack
Pylesville.....	10.80	13.00	**13.60**	4.50	**3.75**	10.00	**8.05**	5.80	58.00	" "
Pylesville.....	10.25	14.00	**12.02**	4.50	**2.88**	5.50	**2.08**	1.76	71.01	" "
New Windsor....	10.30	9.00	**10.00**	3.50	**6.12**	3.00	**3.70**	1.28	68.60	As declared on sack
Rocky Ridge....	10.95	15.00	**17.81**	4.00	**5.36**	9.50	**9.93**	6.37	49.58	" "
Baltimore.....	7.00	20.00	**20.18**	4.00	**4.44**	12.00	**8.85**	11.16	48.37	As declared on sack
Baltimore.....	8.05	22.00	**24.13**	4.00	**4.09**	5.00	**4.28**	5.91	53.54	" "
Baltimore.....	7.44	20.00	**20.18**	4.00	**5.27**	7.00	**9.01**	11.07	47.03	" "
Baltimore.....	11.01	10.00	**9.56**	4.00	**3.05**	8.00	**5.40**	1.96	69.02	" "
Baltimore.....	11.42	11.50	**13.25**	3.50	**4.75**	5.00	**3.91**	5.05	61.62	" "
Baltimore.....	11.50	10.00	**10.71**	2.50	**2.52**	5.00	**2.41**	1.46	71.40	" "
Buckeystown....	9.13	18.00	**22.11**	5.00	**5.09**	12.00	**7.65**	9.10	46.92	E. As decl'd on sack
Buckeystown....	11.10	9.50	**10.27**	2.50	**2.84**	5.00	**2.25**	1.55	71.99	F.
Easton.....	7.95	20.00	**21.24**	6.00	**6.20**	18.00	**18.77**	4.53	41.31	As declared on sack
Cockeysville.....	10.15	14.00	**17.11**	4.00	**5.78**	12.00	**10.69**	5.70	50.57	As declared on sack
Baltimore.....	9.10	20.00	**19.31**	5.00	**5.05**	7.00	**6.18**	9.80	50.56	G.
Baltimore.....	7.23	18.00	**18.78**	4.00	**4.56**	7.00	**5.16**	8.05	56.22	H.
Baltimore.....	8.77	14.00	**14.04**	4.00	**3.98**	6.00	**8.97**	5.14	59.10	As declared on sack
Frederick.....	11.55	10.00	**12.55**	5.00	**8.97**	5.00	**4.88**	2.96	59.09	As declared on sack
Middleburg.....	5.00	16.00	**15.62**	7.00	**12.16**	9.00	**6.58**	5.13	55.51	As declared on sack
Easton.....	6.44	15.00	**18.60**	6.50	**6.35**	3.00	**3.16**	3.30	62.15	As declared on sack
Easton.....	7.05	3.50	**3.95**	1.25	**2.84**	35.00	**31.32**	6.84	48.00	" "
Mt Lake Park...	10.27	16.00	**20.80**	4.00	**4.33**	4.00	**1.74**	2.40	60.46	As declared on sack
Baltimore.....	8.60	14.00	**17.81**	4.00	**5.03**	12.00	**9.75**	6.50	52.31	" "
Woodbine.....	8.64	14.00	**17.02**	4.00	**4.48**	12.00	**10.44**	6.72	52.70	" "
Baltimore.....	7.20	15.50	**16.06**	4.00	**4.30**	8.00	**6.03**	3.92	62.49	As declared on sack
Hyattsville.....	6.10	50.00	**47.77**	10.00	**13.40**	2.00	**1.61**	29.90	1.22	As declared on sack

A—Ingredients on sack agrees with 1930 license.
B—Protein and fat guarantee on sack differ from license.
C—Fibre guarantee on sack differs from license.
D—Ingredients on sack differ from license.
E—Fat and fibre guarantee on sack differ from license.
F—Also detected 1% weed seeds.
G—Also detected wheat bran and copra meal; unable to detect linseed oil meal.
H—Also detected peanut meal, wheat bran and rolled oats; unable to detect copra meal and linseed oil meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
Nowak Milling Corp., Hammond, Ind.	Domino 24½% Dairy Feed
" " "	Domino 24½% Dairy Feed
" " "	Cream-O-Lene Dairy Feed
" " "	Domino Butterine Dairy Feed
" " "	Domino Laying Mash, with BM
" " "	Domino Laying Mash, with BM
" " "	Domino Egg Pel-ets
" " "	Domino Egg Pel-ets
" " "	Domino Growing Pel-ets
" " "	Domino Vim-O-Lene Horse Feed
" " "	Domino Vim-O-Lene Horse Feed
" " "	Domino Chick Pel-ets
" " "	Domino Developing Feed
" " "	Domino Rabbit Pel-ets
" " "	Fidelity Scratch Feed
" " "	Fidelity Scratch Feed
" " "	Domino Pigeon Feed
Nuttle Milling Co., Denton, Md.	Ideal Growing Mash
" " "	Ideal Pure Wheat Bran
" " "	*Ideal Pure Wheat Middlings
" " "	Ideal Chick Starter, with BM
P. Frederick Obrecht & Son, Balto., Md.	*Hood Red Arrow 24% Sweet Dairy Ration
" " "	*Hood Rich 16½% Dairy Ration
" " "	*Hood Rich 16½% Dairy Ration
" " "	*Hood Rich 16½% Dairy Ration
" " "	*Hood Rich 16½% Dairy Ration
" " "	Hood 12% Dairy Ration
" " "	Hood Egg Mash, with DBM
" " "	‡Horse Feed with Molasses 85% Grain
" " "	*Pig and Hog Meal
" " "	Hood White Middlings
" " "	Hood White Middlings
" " "	‡Oat Clips and Molasses
" " "	Oat Clips and Molasses
" " "	*Starting Chick, with BM
" " "	Starting Chick, with BM
" " "	Developer Chick Grains
" " "	Chick Grains
Ogilvil Flour Mills Co., Ltd., Montreal Canada.	‡Oat Feed
Owings Brothers, York, Pa.	June Bug 22% Dairy Feed
" " "	16% Dairy Feed
" " "	June Bug Laying Mash
" " "	*June Bug Laying Mash
" " "	*June Bug Laying Mash
" " "	‡June Bug Chick Feed

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Ellicott City.....	9.71	24.50	**23.61**	5.00	**4.56**	10.00	**7.55**	12.62	41.95	As declared on sack
Ellicott City.....	8.31	24.50	**24.48**	5.00	**4.73**	10.00	**8.52**	12.13	41.83	" "
Ellicott City.....	9.66	24.00	**23.43**	4.50	**4.46**	12.00	**9.01**	6.20	47.24	" "
Ellicott City.....	9.73	17.00	**17.85**	4.00	**4.57**	12.00	**9.80**	6.65	51.40	" "
Ellicott City.....	9.27	20.00	**20.09**	4.50	**5.58**	7.50	**6.74**	10.39	47.93	" "
Ellicott City.....	10.84	20.00	**20.18**	4.50	**5.52**	7.50	**5.82**	13.50	44.14	" "
Ellicott City.....	10.07	20.00	**20.70**	4.50	**5.45**	7.50	**5.85**	8.56	49.37	" "
Ellicott City.....	10.05	20.00	**21.51**	4.50	**7.37**	7.50	**5.85**	8.64	46.94	" "
Ellicott City.....	10.16	15.00	**17.55**	4.50	**5.24**	5.50	**5.10**	6.25	55.70	" "
Ellicott City.....	13.36	9.50	**10.02**	3.00	**2.89**	9.00	**6.38**	2.30	65.05	" "
Ellicott City.....	11.62	9.50	**9.51**	3.00	**3.52**	9.00	**7.34**	3.69	64.32	" "
Ellicott City.....	11.39	16.00	**17.72**	4.00	**4.68**	5.00	**5.45**	9.30	51.46	" "
Ellicott City.....	11.63	10.00	**11.23**	2.00	**3.26**	4.00	**2.27**	1.64	69.97	" "
Ellicott City.....	9.67	12.00	**13.25**	4.00	**3.96**	10.00	**9.37**	9.18	54.57	" "
Ellicott City.....	11.65	10.00	**11.41**	2.00	**2.28**	4.00	**2.09**	1.36	71.21	" "
Ellicott City.....	12.38	10.00	**11.76**	2.00	**2.16**	4.00	**1.44**	1.51	70.75	" "
Ellicott City.....	11.83	14.00	**14.04**	2.50	**2.35**	5.00	**2.25**	1.97	67.56	" "
Denton.....	10.67	15.00	**17.29**	4.00	**4.07**	6.00	**4.36**	8.30	55.31	As declared on sack
Denton.....	9.30	13.00	**14.04**	3.00	**3.71**	7.00	**8.65**	5.85	58.45	" "
Denton.....	11.27	12.00	**12.02**	4.00	**2.32**	5.00	**2.08**	1.87	70.44	" "
Denton.....	10.65	15.00	**16.41**	4.50	**4.23**	5.00	**2.80**	5.34	60.57	" "
Baltimore.....	13.30	24.00	**19.67**	3.50	**4.21**	12.00	**10.62**	8.67	43.53	A.
Damascus.....	12.70	16.50	**14.83**	3.00	**2.75**	12.00	**11.69**	10.72	47.31	B.
Medford.....	12.19	16.50	**14.31**	3.00	**3.15**	12.00	**11.34**	11.40	47.61	C.
Medford.....	16.01	16.50	**15.72**	3.00	**1.94**	12.00	**11.77**	9.10	45.46	D.
Berwyn.....	11.17	16.50	**19.71**	3.00	**2.14**	12.00	**10.85**	7.14	48.99	E.
Medford.....	12.37	12.00	**11.97**	3.00	**2.81**	12.00	**13.45**	9.55	49.85	Not declared.
Medford.....	10.01	20.00	**20.97**	3.00	**3.51**	7.00	**8.06**	7.51	49.94	F.
Baltimore.....	9.79	9.00	**9.71**	3.00	**2.87**	9.00	**7.36**	3.13	67.14	As declared on sack
Baltimore.....	8.51	15.00	**18.16**	4.50	**3.57**	12.00	**8.14**	5.23	56.39	G.
Baltimore.....	8.35	10.00	**14.04**	2.50	**3.02**	5.00	**4.09**	4.43	66.07	H. As decl'd on sack
Baltimore.....	8.30	10.00	**14.39**	2.50	**2.88**	5.00	**4.47**	4.02	65.94	H. " "
Medford.....	15.17	8.00	**9.20**	1.00	**2.00**	30.00	**14.21**	10.43	48.99	I.
Centreville.....	13.67	8.00	**7.41**	1.00	**1.20**	30.00	**14.03**	11.58	52.11	I.
Baltimore.....	8.30	14.00	**15.18**	4.00	**3.24**	5.00	**9.00**	1.38	62.90	As declared on sack
Medford.....	7.50	14.00	**15.18**	4.00	**3.85**	5.00	**8.86**	4.73	59.88	J.
Medford.....	11.85	9.00	**9.48**	2.00	**2.89**	4.00	**2.09**	1.32	72.37	As declared on sack
Medford.....	11.80	9.00	**10.40**	2.00	**1.78**	6.00	**2.70**	1.58	71.74	K. As decl'd on sack
Walkersville.....	5.00	5.25	**5.62**	2.50	**2.38**	27.00	**28.04**	5.50	53.46	As declared on sack
Parkton.....	8.46	22.00	**23.96**	4.00	**4.16**	11.00	**10.80**	7.94	44.68	As declared on sack
Manchester.....	12.53	16.00	**17.24**	3.00	**4.78**	12.00	**7.36**	7.06	51.03	L.
Baltimore.....	8.62	20.00	**20.27**	5.00	**5.41**	9.00	**9.67**	12.45	43.58	J.
Parkton.....	8.50	20.00	**17.81**	5.00	**5.37**	9.00	**8.24**	13.05	47.03	J.
Baltimore.....	8.19	20.00	**18.84**	5.00	**5.19**	9.00	**8.17**	14.45	45.16	J.
Baltimore.....	9.00	10.00	**11.32**	3.00	**3.64**	3.00	**1.51**	1.65	72.88	As declared on sack

A—Ingredients on sack differ from license; unable to detect linseed oil meal, gluten feed, corn chop, steamed bone meal, salt and calcium carbonate; also detected alfalfa meal and whole weed seeds.
B—Unable to detect wheat bran, wheat middlings, corn chop, gluten feed and soya bean meal.
C—Unable to detect wheat middlings, wheat bran, corn chop, cottonseed meal, gluten feed, and soya bean meal; also detected cocoanut oil meal and whole weed seeds.
D—Also detected copra, whole weed seeds and alfalfa meal; unable to detect cottonseed meal and soya bean meal.
E—Unable to detect soya bean meal and salt; detected only trace cottonseed meal; also detected copra meal, alfalfa meal and whole weed seeds. F—Unable to detect gluten feed; also detected soya bean meal.
G—Ingredients and fibre guarantee on sack differ from license; unable to detect soya bean meal and calcium carbonate; also detected copra and oat by-product.
H—Protein guarantee on sack differs from license. I—Also detected whole weed seeds.
J—Ingredients on sack differ from license.
K—Ingredients and fibre guarantee on sack differ from license.
L—Also detected dried brewers grains and screenings.

MANUFACTURER AND ADDRESS	NAME OF FEED
Owings Bros., York, Pa. (Cont.)	June Bug Baby Chick Starter
" " "	*June Bug Scratch Feed
Philip R. Park, Inc., San Pedro, Calif.	Manamar
Park & Pollard Co., Buffalo, N. Y.	Lay or Bust Dry-Mash
" " "	Red Ribbon Scratch Feed
Horace G. Payne, Snow Hill, Md.	Laying Mash
" " "	Wheat Bran, with Gr. Screen. and Corn Bran
" " "	Pure Wheat Middlings
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.	Douglas Corn Gluten Meal
	Douglas Corn Gluten Feed
Piel Bros. Starch Co., Indianapolis, Ind.	Corn Gluten Feed
Pillsbury Flour Mills Co., Minneapolis, Minnesota.	X X Daisy
	Wheat Bran and Screenings
Maurice Pincoffs Co., New Orleans, La.	‡"Pinco" Brand Stand. Mid., with Gr. Screen'gs
" " "	‡"Pinco" Brand Stand. Mid., with Gr. Screen'gs
Planters Nut & Chocolate Co., Suffolk, Va.	"41" Peanut Meal
	"41" Peanut Meal
Potomac Roller Mill, Hancock, Md.	‡Pure Wheat Bran
" " "	‡Pure Wheat Middlings
Prairie State Milling Co., Chicago, Ill.	Best Ever Horse Feed
" " "	Apex Horse Feed
Pratt Food Company, Hammond, Ind.	Sweet 32% Dairy Feed
" " "	Sweet 24% Dairy Feed
" " "	Laying Mash, with BM.
" " "	Laying Mash, with BM.
" " "	Growing Mash, with BM.
" " "	Pig Feed
" " "	Baby Chick Food, with BM.
" " "	Baby Chick Food, with BM.
" " "	Chick Scratch Feed
" " "	Chick Scratch Feed
" " "	Intermediate Scratch Feed
" " "	Intermediate Scratch Feed
" " "	Utility Large Scratch Feed
" " "	Large Scratch Feed
" " "	Circle A. Large Scratch Feed
Prichard Co., Inc., Frostburg, Md.	No. 2 Chop
Princess Anne Milling Company, Princess Anne, Md.	*Pure Wheat Bran
	Pure Wheat Middlings
Proctor & Gamble Dist. Co., Cincinnati, O.	Cocoanut Oil Meal

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
Manchester.....	13.34	14.00	**16.23**	4.00	**3.70**	4.00	**4.69**	5.44	56.60	As declared ot sack
Baltimore.....	11.30	9.00	**10.35**	5.00	**2.75**	4.00	**2.79**	1.91	70.90	" "
Baltimore.....	6.14	40.00	**41.42**	3.00	**4.08**	4.00	**1.94**	31.25	15.17	As declared on sack
Frostburg.....	10.60	18.00	**19.04**	3.00	**3.39**	7.00	**6.25**	9.86	50.86	As declared on sack
Frostburg.....	11.70	10.00	**11.67**	3.00	**2.92**	5.00	**2.23**	1.52	69.96	" "
Snow Hlll.....	11.16	19.00	**19.57**	4.50	**5.31**	7.00	**5.80**	9.00	49.16	A.
Snow Hill.....	9.66	14.00	**15.80**	3.50	**4.28**	10.00	**8.83**	6.42	55.01	As declared on sack
Snow Hill.....	12.66	14.00	**14.39**	3.50	**3.75**	5.00	**1.99**	2.16	65.05	" "
Baltimore.....	7.70	40.00	**41.59**	1.00	**1.54**	4.00	**5.33**	4.00	39.84	As declared on sack
Baltimore.....	10.70	23.00	**24.22**	2.00	**2.09**	8.50	**9.03**	7.33	46.63	" "
Ellicott City.....	7.01	23.00	**24.31**	1.50	**2.41**	8.00	**8.27**	3.25	54.75	As declared on sack
EllicottCity.....	11.73	16.00	**18.38**	4.00	**5.94**	4.00	**2.99**	3.79	57.17	As declared on sack
Ellicott City.....	8.60	14.00	**15.53**	4.00	**5.71**	12.00	**10.68**	7.18	52.30	" "
Baltimore.....	9.95	15.50	**16.85**	3.50	**4.05**	9.50	**8.82**	5.45	54.88	As declared on sack
Elkton.....	10.41	15.50	**16.15**	3.50	**4.28**	9.50	**9.10**	6.42	53.64	" "
Carsons Run.....	5.65	41.00	**41.68**	6.00	**10.86**	15.00	**5.04**	6.09	30.68	B. As decl'd on sack
Baltimore.....	5.60	41.00	**42.47**	6.00	**9.98**	15.00	**5.50**	6.03	30.42	B. " "
Hancock.....	11.57	14.00	**17.11**	3.50	**4.40**	8.00	**6.47**	4.50	55.95	As declared on sack
Hancock.....	11.42	13.00	**16.85**	4.00	**4.61**	6.00	**4.53**	3.27	59.32	" "
Baltimore.....	11.63	9.00	**8.94**	3.00	**3.19**	9.00	**7.98**	3.68	64.58	As declared on sack
Baltimore.....	13.10	9.00	**8.27**	2.50	**2.12**	10.00	**9.34**	4.46	62.71	" "
Trego.....	13.32	32.00	**31.43**	4.50	**4.99**	9.00	**8.80**	8.78	32.68	As declared on sack
St. Michaels.....	11.73	24.00	**24.22**	4.00	**4.17**	10.00	**8.50**	7.92	43.46	" "
St. Michaels.....	9.54	20.00	**21.24**	4.00	**4.89**	6.75	**5.40**	10.62	48.31	" "
Baltimore.....	8.84	20.00	**21.06**	4.00	**5.36**	6.75	**5.89**	9.66	49.19	" "
St. Michaels.....	9.85	17.50	**19.48**	4.50	**5.69**	7.00	**6.53**	11.84	46.61	" "
Trego.....	8.09	20.00	**21.94**	4.00	**5.27**	7.00	**6.56**	8.00	50.14	" "
St. Michaels.....	11.51	16.00	**17.11**	3.50	**4.38**	4.00	**3.37**	9.00	54.63	" "
Baltimore.....	9.80	16.00	**17.81**	3.50	**4.98**	4.00	**3.86**	9.58	53.97	" "
St. Michaels.....	11.90	10.00	**12.29**	2.00	**1.91**	4.00	**1.30**	1.40	71.20	" "
Baltimore.....	11.15	10.00	**12.37**	2.00	**2.39**	4.00	**1.38**	1.28	71.43	" "
St. Michaels.....	11.91	10.00	**12.46**	2.00	**2.03**	4.00	**2.14**	1.62	69.84	" "
Baltimore.....	11.20	10.00	**13.78**	2.00	**2.69**	4.00	**2.25**	1.53	68.55	" "
St. Michaels.....	12.10	10.00	**11.14**	2.00	**2.33**	4.00	**2.13**	1.28	71.02	" "
Baltimore.....	11.25	10.00	**13.16**	2.00	**2.23**	4.00	**2.87**	1.53	68.96	" "
Baltimore.....	11.30	10.00	**12.72**	2.00	**2.79**	4.00	**2.61**	1.72	68.86	C. " "
Lonaconing.....	11.29	8.00	**7.99**	3.00	**3.70**	18.00	**18.66**	4.27	54.09	" "
Princess Anne....	8.74	14.00	**14.92**	3.50	**2.91**	9.00	**9.31**	6.18	57.94	As declared on sack
Princess Anne....	11.73	13.50	**13.95**	3.00	**3.76**	5.00	**4.76**	3.23	62.57	" "
Hagerstown	7.80	20.00	**19.66**	6.00	**7.10**	11.00	**12.17**	6.84	46.43	As declared on sack

A—Also detected alfalfa meal.
B—Fibre guarantee on sack differs from license.
C—Ingredients on sack agrees with 1930 license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Quaker Oats Co., Chicago, Ill.	24% Protein Dairy Ration
" " "	20% Protein Dairy Ration
" " "	16% Protein Dairy Ration
" " "	Ful-O-Pep Egg Mash
" " "	Green Cross Horse Feed
" " "	Yellow Hominy Feed
" " "	Oatmeal By-Product, with Molasses
" " "	Ful-O-Pep Fine Chick Feed
" " "	Ful-O-Pep Scratch Grains
" " "	Schumacher Scratch Grains N. G.
Queen Anne Roller Mills, Queen Anne, Md.	Poultry Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
Quisenberry Feed Mfg. Co., Buffalo, N. Y.	Quality 16½% Dairy Feed
" " "	Quality More Egg Laying Mash
" " "	Quality Pig Meal
" " "	Quality Starting Food, with BM
" " "	Quality Blue Ribbon Starting Food
" " "	Quality Blue Ribbon Chick Scratch
" " "	Quality Blue Ribbon Scratch Feed
" " "	Quality More Egg Scratch Grains
Ralston Purina Co., St. Louis, Mo.	Purina 34% Chow Chow
" " "	Protena 24% Dairy Feed
" " "	Protena 24% Dairy Feed
" " "	Purina 24% Chow Chow
" " "	Purina 24% Cow Chow
" " "	Purina 20% Cow Chow
" " "	Protena Sweet Roughage Feed
" " "	Protena Sweet Roughage Feed
" " "	Purina Egg Chowder, containing Mineral
" " "	Purina Intermediate Hen Chow
" " "	Purina Intermediate Hen Chow
" " "	Purina Hen Chow
" " "	Purina All Mash Startena Chow, cont. Mineral
" " "	Purina All Mash Startena Chow, cont. Mineral
" " "	Purina Calf Chow
" " "	Purina Calf Chow
" " "	Purina Duck Growena Chow, cont. Mineral
" " "	‡Purina Duck Breeder Chow, cont. Mineral
" " "	Purina Bulky Omolene Chow
" " "	Purina Omolene Chow
" " "	Purina Omolene Chow
" " "	Protena Stock Feed
" " "	Purina Hog Fatena Chow
" " "	Purina Chick Growena Chow, cont. Mineral
" " "	Purina Chick Growena Chow, cont. Mineral
" " "	Purina Chick Startena Chow, cont. Mineral
" " "	Purina Chick Startena Chow, cont. Mineral
" " "	Purina Chicken Fat Chow, containing Mineral
" " "	Purina Chick Chow
" " "	Protena Scratch Feed

‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Rockville	9.21	24.00	**23.97**	4.00	**4.05**	12.00	**12.16**	8.15	42.46	As declared on sack
Grantsville	9.31	20.00	**21.26**	3.25	**3.94**	12.00	**11.80**	8.18	45.51	" "
Rockville	9.50	16.00	**17.66**	3.50	**3.77**	13.50	**13.19**	7.87	48.01	" "
Rockville	8.31	20.00	**21.15**	4.00	**5.32**	8.00	**6.59**	10.50	48.13	" "
Ellicott City	11.98	10.00	**11.02**	2.50	**3.07**	12.00	**10.71**	5.06	58.16	" "
Owings Mills	8.70	9.50	**10.88**	4.00	**5.81**	5.00	**4.32**	2.65	67.64	" "
Parkton	7.40	5.00	**4.19**	1.75	**1.37**	28.00	**29.95**	6.84	50.25	" "
Baltimore	10.90	11.00	**12.20**	2.50	**3.36**	2.00	**1.94**	1.63	69.97	" "
Baltimore	11.70	9.00	**10.60**	2.00	**3.15**	3.00	**2.61**	1.56	70.38	" "
Rockville	11.23	10.00	**11.50**	2.00	**3.52**	3.50	**2.90**	2.00	68.85	" "
Queen Anne	10.37	18.00	**18.30**	5.00	**5.77**	7.75	**7.75**	9.75	48.06	A.
Queen Anne	8.48	14.00	**14.13**	3.00	**3.27**	8.00	**9.73**	6.00	58.39	As declared on sack
Queen Anne	12.21	13.00	**13.43**	3.00	**3.39**	5.00	**4.46**	2.82	63.69	" "
Hagerstown	10.18	16.50	**15.92**	4.00	**4.03**	13.50	**12.62**	10.86	46.39	As declared on sack
Hagerstown	9.40	19.00	**19.22**	4.00	**4.68**	7.00	**6.88**	10.04	49.78	B. As decl'd on sack
Hagerstown	9.31	18.00	**19.31**	4.00	**4.65**	7.00	**5.18**	7.45	54.10	B. " "
Hagerstown	10.48	15.00	**15.27**	4.00	**4.03**	6.00	**5.22**	9.60	55.40	As declared on sack
Hagerstown	10.03	14.00	**16.67**	4.00	**4.69**	7.00	**7.09**	8.40	53.12	" "
Hagerstown	11.11	10.00	**11.32**	2.50	**3.15**	3.50	**1.33**	1.40	71.69	" "
Hagerstown	11.10	10.00	**12.37**	2.50	**3.08**	4.50	**2.64**	1.74	69.07	" "
Hagerstown	11.27	10.00	**12.37**	2.50	**3.84**	3.50	**3.33**	1.75	67.44	" "
Hagerstown	9.77	34.00	**35.25**	3.00	**3.77**	12.00	**11.34**	7.44	32.43	As declared on sack
Bel Air	9.89	24.00	**24.32**	3.00	**4.03**	12.00	**11.71**	8.09	41.96	" "
Woodbine	8.93	24.00	**24.02**	3.00	**4.14**	12.00	**12.02**	7.61	43.28	" "
Ellicott City	10.14	24.00	**25.23**	3.00	**4.60**	12.00	**10.83**	6.92	42.28	" "
Bel Air	10.93	24.00	**24.40**	3.00	**4.07**	12.00	**9.98**	7.68	42.94	" "
Bel Air	10.95	20.00	**20.88**	3.00	**3.84**	12.00	**10.92**	7.85	45.56	C.
Hurlock	9.82	6.00	**7.58**	1.00	**.92**	30.00	**27.26**	7.18	47.24	As declared on sack
Woodbine	11.30	6.00	**8.06**	1.00	**1.25**	30.00	**29.60**	6.96	42.83	" "
Mt Lake Park	9.99	19.00	**21.41**	3.50	**4.52**	8.00	**7.34**	9.83	46.92	D.
Baltimore	11.60	10.00	**11.06**	2.50	**2.88**	4.00	**2.02**	1.58	70.86	As declared on sack
Towson	11.70	10.00	**11.41**	2.50	**2.58**	4.00	**1.86**	1.42	71.03	" "
Mt. Lake Park	12.11	10.00	**11.76**	2.50	**3.31**	4.00	**2.94**	1.90	67.98	" "
Upper Marlboro	10.59	18.00	**20.80**	4.00	**5.19**	7.00	**5.09**	7.34	50.99	" "
Baltimore	10.68	18.00	**20.45**	4.00	**5.36**	7.00	**4.60**	7.22	51.69	" "
Baltimore	9.71	27.00	**28.70**	3.20	**4.14**	4.50	**3.86**	5.00	48.59	" "
Towson	9.39	27.00	**29.40**	3.20	**4.02**	4.50	**3.62**	5.18	48.39	" "
Taneytown	12.68	18.00	**19.04**	3.20	**4.42**	5.50	**4.75**	6.73	52.38	" "
Taneytown	11.86	19.50	**22.64**	4.00	**4.15**	5.50	**4.12**	7.34	49.89	" "
Towson	12.82	9.70	**10.63**	3.20	**3.99**	11.00	**8.80**	4.86	58.90	" "
Towson	12.93	9.70	**10.79**	3.20	**3.79**	9.00	**7.53**	4.50	60.46	" "
Woodbine	11.32	9.70	**10.24**	3.20	**4.35**	9.00	**7.11**	3.87	63.11	" "
Boonsboro	11.24	9.00	**11.12**	2.30	**3.55**	12.00	**11.36**	7.79	54.94	" "
Towson	10.71	14.00	**17.07**	3.00	**4.02**	7.00	**5.52**	7.14	55.54	" "
Baltimore	8.42	16.30	**17.64**	3.50	**4.80**	7.00	**6.28**	8.59	54.27	" "
Upper Marlboro	11.65	16.30	**17.90**	3.50	**4.13**	7.00	**6.77**	8.70	50.85	" "
Baltimore	8.94	19.00	**21.76**	4.00	**5.81**	7.00	**5.27**	9.60	48.62	" "
Cumberland	9.33	19.00	**21.94**	4.00	**4.98**	7.00	**5.27**	9.43	49.05	" "
Hurlock	9.53	15.50	**16.85**	3.00	**4.42**	5.00	**4.62**	5.94	58.64	" "
Cumberland	12.01	10.00	**11.76**	2.00	**2.89**	4.00	**2.17**	1.54	69.63	" "
Hurlock	11.88	9.50	**11.41**	2.00	**2.52**	4.00	**2.77**	1.63	69.79	" "

A—Also detected alfalfa meal.
B—Ingredients on sack agrees with 1930 license.
C—Also detected alfalfa stem meal.
D—Also detected ground oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Reindollar Company, Taneytown, Md.	20% Dairy Ration
" " "	16% Sweet Dairy Feed
" " "	Egg Mash
" " "	Growing Mash
" " "	Horse Feed
" " "	Pig and Hog Meal
" " "	Winter Wheat Bran
" " "	Winter Wheat Mid., with M. R. of Scourings
Richards Milling Co., Cortland, Ohio.	‡24% Dairy Feed
" " "	‡Special Chop
" " "	‡Starting Mash
" " "	Pure Wheat Bran
" " "	‡Chick Feed
" " "	‡Scratch Grains
Richardson Brothers, Westminster, Md.	Walck Laying Mash
" " "	Richbro Growing Mash
" " "	*Richbro Hog and Pig Meal
" " "	Richbro Baby Chick Starter
Daniel Rider, Inc., Baltimore, Md.	‡*Winner Dairy Feed 24%
" " "	‡Winner Dairy Feed 20%
" " "	‡Winner Dairy Feed 16%
" " "	‡Eager Horse Feed
Rinaman & Brown, Hampstead, Md.	Browns Egg Mash
Robey Mills, Chicago, Ill.	‡Daily Egg Mash
Robin Hood Mills, Ltd., Moose Jaw, Can.	‡Blackhawk Reground Oat Feed
Robinson Brothers, Cardiff, Md.	32% Dairy Ration
" " "	24% Dairy Ration
" " "	20% Dairy Ration
" " "	*Laying Mash
Rodney Milling Co., Kansas City, Mo.	‡Wheat Bran and Screenings
Rowlandsville Flour Mills, Rowlandsville, Maryland.	Pure Wheat Bran
" " "	Pure Gray Shorts
	Corn and Re-Ground Oats Feed
Russell-Miller Milling Company, Minneapolis, Minn.	Hard Wheat Occident Bran
	Hard Wheat Occident Bran
Wm. G. Scarlett & Co., Baltimore, Md.	Oriole Brand Special Pigeon Feed
" " "	Oriole Brand AA Pigeon Feed
" " "	Oriole Brand AAA Pigeon Feed
Wm. Schluderberg-T. J. Kurdle Company, Baltimore, Md.	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
	Esskay Quality Meat Scrap

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
Taneytown.....	9.51	20.00	**21.94**	4.00	**3.84**	12.50	**9.92**	7.77	47.02	As declared on sack
Taneytown.....	10.32	16.00	**18.72**	3.00	**4.10**	11.00	**10.02**	6.67	50.17	" "
Taneytown.....	8.69	20.00	**21.76**	4.00	**4.96**	8.00	**5.88**	10.84	47.87	" "
Taneytown.....	8.64	17.00	**17.61**	4.50	**4.45**	6.00	**4.64**	4.36	60.30	" "
Taneytown.....	12.30	8.50	**9.98**	2.25	**2.57**	10.00	**8.55**	4.81	61.79	" "
Taneytown.....	8.59	16.50	**17.64**	4.50	**4.25**	7.00	**5.35**	8.30	55.87	" "
Taneytown.....	9.50	14.00	**14.22**	4.00	**3.50**	9.00	**10.10**	7.12	55.56	" "
Taneytown.....	11.62	16.00	**15.09**	4.50	**4.56**	5.00	**2.88**	2.73	63.12	" "
Cumberland.....	9.45	24.00	**23.60**	4.50	**4.48**	10.00	**7.19**	7.30	47.98	As declared on sack
Cumberland.....	9.44	8.00	**10.18**	3.00	**3.43**	12.00	**10.64**	6.93	59.38	" "
Cumberland.....	9.61	18.00	**19.74**	3.00	**5.03**	6.90	**5.84**	9.24	50.54	A.
Cumberland.....	9.96	14.00	**14.65**	4.50	**4.69**	10.00	**9.67**	6.66	54.37	As declared on sack
Cumberland.....	12.01	9.00	**12.51**	2.50	**2.73**	6.00	**2.13**	1.60	69.02	B.
Cumberland.....	11.88	9.00	**12.72**	2.50	**2.54**	6.00	**2.20**	1.47	69.19	C.
Westminster.....	8.98	20.00	**20.36**	5.00	**4.61**	9.00	**7.30**	10.66	48.09	As declared on sack
Westminster.....	8.26	16.00	**16.06**	4.50	**4.64**	4.50	**3.90**	10.20	56.94	B. As decl'd on sack
Westminster.....	8.71	15.00	**15.80**	5.00	**4.25**	7.00	**6.67**	6.20	58.37	As declared on sack
Westminster.....	9.81	12.50	**13.25**	4.00	**3.92**	3.25	**3.06**	6.69	63.27	" "
Baltimore.....	9.38	24.00	**24.15**	4.50	**3.90**	10.00	**8.20**	6.09	48.28	As declared on sack
Baltimore.....	8.91	20.00	**21.44**	4.00	**4.34**	11.00	**8.86**	7.04	49.41	" "
Baltimore.....	9.26	16.00	**16.74**	3.00	**3.11**	11.50	**11.94**	8.66	50.29	B. As decl'd on sack
Baltimore.....	11.29	7.00	**8.26**	2.00	**2.95**	12.00	**10.71**	5.76	61.03	As declared on sack
Hampstead.....	7.38	20.00	**20.18**	4.50	**5.21**	8.00	**8.34**	7.85	51.04	As declared on sack
Frostburg.....	10.46	20.00	**19.14**	4.50	**5.26**	7.00	**7.25**	8.61	49.28	As declared on sack
Baltimore.....	11.92	5.50	**7.28**	2.50	**2.78**	27.00	**24.94**	5.30	47.78	As declared on sack
Cardiff.....	8.99	32.00	**31.64**	5.00	**5.13**	9.50	**10.31**	9.98	33.95	As declared on sack
Cardiff.....	10.15	24.00	**24.38**	5.00	**4.77**	10.50	**10.51**	9.27	40.92	" "
Cardiff.....	10.41	20.00	**21.95**	4.50	**4.34**	10.00	**10.93**	9.75	42.62	" "
Cardiff.....	11.07	20.00	**17.91**	4.75	**4.01**	10.00	**8.42**	12.18	46.41	" "
Cambridge.....	8.36	16.00	**16.06**	3.50	**4.16**	11.00	**10.69**	8.16	52.57	As declared on sack
Rowlandsville....	10.29	14.00	**13.25**	4.00	**3.75**	9.00	**8.83**	6.33	57.55	As declared on sack
Rowlandsville....	11.37	15.00	**15.01**	4.50	**4.19**	6.00	**4.59**	3.67	61.17	" "
Rowlandsville....	10.85	9.00	**9.21**	3.00	**2.76**	11.00	**3.27**	3.56	70.35	" "
Manchester.....	9.00	14.00	**17.64**	4.00	**5.55**	11.50	**10.07**	5.87	51.87	As declared on sack
Rising Sun.....	9.58	14.00	**17.90**	4.00	**5.28**	11.50	**11.22**	6.80	49.22	" "
Baltimore.....	11.75	16.00	**15.09**	3.00	**3.70**	4.00	**3.87**	2.59	63.00	As declared on sack
Baltimore.....	11.80	13.00	**13.34**	3.50	**4.29**	4.00	**3.26**	2.03	65.28	" "
Baltimore.....	11.70	16.00	**15.80**	3.00	**4.02**	4.00	**4.05**	2.20	62.23	" "
Cambridge.....	9.28	55.00	**55.81**	6.00	**9.89**	5.00	**2.90**	22.00	.12	As declared on sack
Baltimore.....	9.12	55.00	**56.78**	6.00	**9.41**	5.00	**3.26**	21.28	.15	" "
Glyndon.....	6.54	55.00	**55.11**	6.00	**9.97**	5.00	**2.57**	25.70	.11	" "

A—Ingredients and fibre guarantee on sack differ from license; also detected alfalfa meal.
B—Ingredients on sack differ from license.
C—Unable to detect sunflower seed; found .42% weed seeds.

MANUFACTURER AND ADDRESS	NAME OF FEED
Wm. Schluderberg-T. J. Kurdle Company, Baltimore, Md. (Continued)	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Digester Tankage
Schwartz Grain Co., Inc., New York, N. Y.	‡Beet Pulp
" " "	Beet Pulp
" " "	Beet Pulp
" " "	Beet Pulp
Seaboard Products, Inc., Baltimore, Md.	*Meat Meal
" " "	*Meat Meal
" " "	55% Meat Scrap
" " "	50% Meat Scrap
" " "	50% Meat Scrap
" " "	50% Meat Scrap
" " "	‡50% Meat Scrap
" " "	45% Meat and Bone Scrap
" " "	45% Meat and Bone Scrap
" " "	Terrapin Brand Fish Meal
" " "	Terrapin Brand Fish Meal
" " "	Terrapin Brand Fish Meal
" " "	Terrapin Brand Fish Meal
" " "	Terrapin Brand Fish Meal
" " "	Peanut Meal
" " "	*60% Tankage
" " "	60% Tankage
" " "	‡Argentine Wheat Bran, with Gr. Screen. N. Ex. M. R.
Shenandoah Milling Company, Inc., Shenandoah, Va.	‡Blue Ridge Feed
	‡Pure Wheat Bran
M. L. Shoemaker & Co., Inc., Phila., Pa.	"Swift Sure" 55% Ground Beef Scrap
" " "	‡"Swift Sure" 55% Ground Beef Scrap
" " "	"Swift Sure" Digester Tankage
J. F. Shultz, Monkton, Md.	Laying Mash
" " "	Pure Corn and Oats Chop
W. G. Slugg, Milwaukee, Wis.	Pure Dried Butter Milk Feed
D. P. Smelser & Son, New Windsor, Md.	Winter Wheat Bran
" " "	†Winter Wheat Middlings
Harry B. Smith, Baltimore, Md.	High Grade Peanut Meal
" " "	High Grade Peanut Meal
" " "	*High Grade Peanut Meal
" " "	*High Grade Peanut Meal
Smith Mill and Elevator Co., Minneapolis, Minn.	‡Super-Sixteen Pulverized and Bolted Flax Screenings
S. G. Sparks & Co., Sparks, Md.	Laying Mash
" " "	Baby Chick Starter

* Means deficient in protein or fat.
† Means deficient in both protein and fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore.....	7.07	55.00	**56.16**	6.00	**9.92**	5.00	**3.40**	23.30	.15	As declared on sack
Cambridge.....	8.10	55.00	**58.53**	6.00	**9.88**	5.00	**2.33**	21.06	.10	" "
Baltimore.....	7.97	50.00	**52.29**	6.00	**9.27**	5.00	**2.81**	27.41	.25	A.
Baltimore.....	5.77	60.00	**64.76**	8.00	**9.26**	5.00	**1.72**	16.87	1.62	B.
Baltimore.....	8.15	7.50	**8.42**	.50	**.44**	20.00	**19.68**	3.43	59.88	As declared on sack
Westminster.....	8.10	7.50	**10.18**	.50	**.25**	20.00	**20.75**	3.01	57.71	" "
Baltimore.....	8.05	7.50	**8.60**	.50	**.45**	20.00	**18.92**	3.55	60.43	" "
Germantown.....	8.46	7.50	**9.13**	.50	**.87**	20.00	**19.17**	4.15	58.22	" "
Salisbury.....	7.35	75.00	**73.89**	8.00	**12.03**	1.00	**1.43**	11.00	.....	As declared on sack
Baltimore.....	9.07	75.00	**73.36**	8.00	**12.35**	1.00	**1.48**	10.73	.....	" "
Ellicott City.....	6.04	55.00	**55.55**	6.00	**9.04**	3.00	**2.61**	26.02	.74	" "
Owings Mills	7.37	50.00	**49.84**	6.00	**13.24**	3.00	**2.47**	26.52	.56	" "
Elkton.....	6.89	50.00	**51.34**	6.00	**13.15**	3.00	**1.88**	26.21	.53	" "
Centreville.....	6.25	50.00	**50.37**	6.00	**11.65**	3.00	**2.85**	26.06	2.82	" "
Baltimore.....	9.74	50.00	**50.11**	6.00	**6.25**	3.00	**1.98**	31.16	.76	" "
Ellicott City.....	6.10	45.00	**46.33**	6.00	**13.40**	3.00	**2.06**	29.66	2.45	" "
Baltimore.....	6.29	45.00	**45.02**	6.00	**16.35**	3.00	**1.84**	30.20	.30	" "
Centreville.....	8.61	55.00	**56.25**	6.00	**7.28**	2.00	**.46**	20.07	7.33	" "
Ellicott City.....	8.48	55.00	**56.86**	6.00	**7.04**	2.00	**.47**	20.16	6.99	" "
Elkton.....	8.06	55.00	**58.01**	6.00	**5.92**	2.00	**.63**	25.30	2.08	" "
Centreville.....	7.00	55.00	**56.25**	6.00	**7.29**	2.00	**.66**	22.37	6.43	" "
Baltimore.....	8.02	55.00	**54.11**	6.00	**6.85**	2.00	**.93**	28.82	1.27	" "
Baltimore.....	10.46	50.00	**50.72**	1.00	**1.07**	6.00	**5.39**	6.00	26.36	" "
Centreville.....	7.05	60.00	**58.53**	5.00	**9.66**	4.00	**.86**	23.00	.90	" "
Annapolis.....	6.75	60.00	**60.00**	5.00	**9.20**	4.00	**1.22**	21.63	1.20	" "
Elkton.....	9.78	13.00	**17.72**	4.00	**4.12**	13.00	**10.10**	8.72	49.56	" "
Sharpsburg.....	10.65	15.00	**13.60**	3.50	**3.04**	9.50	**3.92**	3.06	65.73	As declared on sack
Sharpsburg.....	10.01	13.50	**16.41**	4.00	**5.19**	10.00	**6.97**	5.30	56.12	" "
Salisbury.....	9.75	55.00	**56.78**	6.00	**8.75**	3.00	**2.16**	22.10	.46	As declared on sack
Westminster.....	6.94	55.00	**56.25**	6.00	**10.42**	3.00	**2.66**	23.54	.19	" "
Denton.....	10.58	60.00	**63.88**	4.00	**4.63**	3.00	**1.59**	18.17	1.15	" "
Monkton.....	8.95	16.50	**16.94**	4.49	**4.01**	7.88	**8.18**	16.07	47.03	As declared on sack
Monkton.....	11.10	9.00	**10.79**	4.00	**4.08**	8.00	**7.87**	2.70	63.46	" "
Salisbury.....	7.30	30.00	**32.47**	6.00	x**1.41**	.....	.....	8.06	.....	As declared on sack
New Windsor....	10.95	15.41	**14.74**	4.30	**4.22**	9.08	**8.50**	6.03	55.56	As declared on sack
New Windsor....	11.40	15.40	**13.34**	3.45	**2.91**	3.78	**2.19**	2.04	68.12	" "
Forest Hill.....	6.02	45.00	**44.01**	6.00	**6.89**	10.00	**10.88**	10.50	21.70	As declared on sack
Baltimore.....	8.45	45.00	**45.54**	6.00	**6.94**	10.00	**10.10**	9.49	20.88	" "
Cardiff.....	13.12	45.00	**42.01**	6.00	**6.62**	10.00	**13.20**	9.57	15.48	" "
Forest Hill.....	13.63	45.00	**43.05**	6.00	**6.93**	10.00	**9.23**	13.33	13.83	" "
Providence.....	8.14	16.00	**17.29**	8.50	**9.37**	12.00	**8.93**	7.76	48.51	As declared on sack
Sparks.....	8.98	20.00	**21.50**	5.00	**5.10**	7.50	**8.29**	9.46	46.67	C.
Sparks.....	11.06	12.50	**14.48**	4.00	**3.96**	3.50	**4.87**	4.97	60.66	C.

A—Should be designated as meat and bone scrap.
B—Also detected vegetable fibrous material.
C—Also detected wood charcoal
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
A. E. Staley Mfg. Co., Decatur, Ill.	Corn Gluten Feed
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.	Fish Meal
" " "	Fish Meal
" " "	Fish Meal
" " "	Pure Ground Fish Meal
" " "	Pure Ground Fish Meal
" " "	Pure Ground Fish Meal
" " "	Pure Ground Fish Meal
" " "	‡Fish Meal
W. E. Stanton, Grantsville, Md.	Buckwheat Middlings
" " "	Rye Chop
" " "	Pure Oats Chop
" " "	Corn Chop
" " "	Barley Chop
" " "	Scratch Grains
Star Food & Remedy Co., Wash., D. C.	Laying Mash, with Milk
" " "	Laying Mash, with Milk
" " "	Scratch Grains
E. Steen & Bro., Baltimore, Md.	*Lady Maryland Dairy Feed
" " "	Milk Producer Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Golden Goose Laying Mash, with BM
" " "	Blue Bird Laying Mash
" " "	Blue Bird Laying Mash
" " "	Golden Goose Fancy Growing Mash, with BM
" " "	Golden Goose Fattener
" " "	Golden Goose All-Mash, with BM., Cod Liver Oil and Minerals
" " "	Arundel Hog Grower
" " "	Golden Goose Corn Feed Meal
" " "	Golden Goose Fancy Baby Chick Grains
" " "	Golden Goose Brand Fancy Chick Starter, with BM. and Cod Liver Oil
" " "	Golden Goose Fancy Scratch Feed
" " "	Golden Goose Fancy Scratch Feed
" " "	Golden Goose Developer Scratch Grains
" " "	Blue Hen Scratch Feed
Steinhardt & Co., New Orleans, La.	Beet Pulp
D. A. Stickell & Sons, Inc., Hagerstown, Maryland.	Magnolia Sweet 24% Dairy Feed
" " "	Blue Ridge Egg Mash
" " "	Bran-Molassie
" " "	Intermediate Chick Feed
" " "	Blue Ridge Scratch Grains
" " "	Victor Scratch Grains
Suffolk Oil Mill, Inc., Suffolk, Va.	Peanut Meal
" " "	Peanut Meal

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
Germantown.....	9.14	23.00	**28.08**	1.00	**1.64**	8.00	**7.02**	8.25	45.87	As declared on sack
Forest Hill.....	7.15	55.00	**57.13**	4.00	**12.09**	2.00	**1.55**	21.88	.20	As declared on sack
Pocomoke City..	6.35	55.00	**56.86**	4.00	**11.84**	2.00	**.84**	22.38	1.73	" "
Salisbury.....	6.89	55.00	**57.92**	4.00	**11.34**	2.00	**.43**	21.90	1.52	" "
Rising Sun.....	7.19	55.00	**60.81**	4.00	**11.32**	2.00	**.62**	19.95	.11	" "
Princess Anne....	6.01	55.00	**58.97**	4.00	**10.29**	2.00	**.56**	20.30	3.87	" "
Salisbury.....	5.95	55.00	**59.23**	4.00	**10.71**	2.00	**.95**	21.16	2.00	" "
Mardela Springs.	5.90	55.00	**60.20**	4.00	**11.39**	2.00	**.88**	20.56	1.07	" "
Germantown.....	6.02	55.00	**60.55**	4.00	**4.12**	2.00	**.26**	20.62	8.43	" "
Grantsville.....	10.83	24.00	**35.80**	3.50	**8.13**	5.00	**7.27**	5.35	32.62	As declared on sack
Grantsville.....	.....	10.50	**12.02**	1.80	**1.98**	5.00	**2.51**	2.01	.....	" "
Grantsville.....	.....	11.00	**12.29**	3.50	**4.67**	15.00	**12.45**	3.05	.....	" "
Grantsville.....	11.48	9.00	**9.92**	4.00	**3.98**	3.00	**1.88**	1.22	71.52	" "
Grantsville.....	11.25	10.50	**11.14**	2.00	**2.56**	5.00	**6.35**	2.54	66.16	" "
Grantsville.....	11.50	10.00	**10.79**	2.50	**2.81**	5.00	**2.64**	1.72	70.54	" "
Kensington.....	10.88	20.00	**21.15**	4.50	**6.42**	7.00	**5.95**	8.79	46.81	As declared on sack
Beltsville.....	10.46	20.00	**21.94**	4.50	**6.30**	7.00	**5.94**	9.10	46.26	" "
Beltsville.....	11.32	10.00	**11.14**	2.50	**3.04**	5.00	**2.60**	2.08	69.82	" "
Baltimore.....	8.79	24.00	**24.31**	5.00	**3.92**	9.00	**10.81**	9.00	43.17	A. As decl'd on sack
Baltimore.....	8.81	20.00	**20.71**	3.50	**4.04**	12.00	**6.92**	8.89	50.63	As declared on sack
Annapolis.....	10.09	16.00	**17.20**	3.50	**3.71**	13.00	**15.15**	9.10	44.75	" "
Baltimore.....	8.29	16.00	**17.64**	3.50	**3.77**	13.00	**14.24**	8.77	47.29	" "
Baltimore.....	8.54	20.00	**21.06**	4.00	**5.05**	9.00	**7.76**	10.20	47.39	" "
Annapolis.....	10.73	18.00	**19.04**	4.00	**4.95**	10.00	**9.03**	8.30	47.95	" "
Baltimore.....	9.13	18.00	**18.43**	4.00	**5.28**	10.00	**7.90**	9.16	50.10	" "
Baltimore.....	9.15	18.00	**19.57**	4.00	**4.62**	8.50	**8.97**	11.10	46.59	" "
Baltimore.....	8.91	13.00	**14.66**	4.50	**5.44**	6.00	**4.39**	4.20	62.40	" "
Baltimore.....	10.35	15.00	**16.15**	4.00	**4.97**	5.00	**7.15**	9.10	52.28	" "
Baltimore.....	8.87	16.50	**18.60**	4.50	**4.48**	7.00	**10.43**	6.57	51.05	" "
Baltimore.....	10.05	8.00	**8.78**	3.00	**5.74**	5.00	**3.23**	1.54	70.66	" "
Baltimore.....	12.15	10.00	**11.14**	3.50	**4.33**	2.50	**1.92**	1.97	68.49	" "
Baltimore.....	9.79	14.00	**17.02**	4.00	**4.25**	6.00	**6.70**	10.10	52.14	B. As decl'd on sack
Annapolis.....	10.55	10.00	**10.09**	2.50	**2.99**	5.00	**2.67**	1.63	72.07	As declared on sack
Baltimore.....	10.50	10.00	**10.53**	2.50	**3.25**	5.00	**3.12**	1.39	71.21	" "
Baltimore.....	11.50	9.00	**10.79**	2.50	**3.09**	4.00	**2.24**	1.58	70.80	" "
Baltimore.....	10.65	9.00	**10.44**	2.50	**2.97**	5.00	**2.75**	1.21	71.98	" "
Cockeysville.....	8.20	8.00	**7.81**	.50	**.76**	22.00	**18.17**	3.54	61.52	As declared on sack
Parkton.....	8.99	24.00	**25.56**	3.50	**5.77**	12.00	**11.28**	8.96	39.44	As declared on sack
Alesia.....	8.66	20.00	**19.92**	5.00	**5.24**	6.00	**4.80**	8.83	52.55	" "
Parkton.....	11.12	11.00	**13.20**	3.00	**2.71**	8.00	**6.45**	8.60	57.92	" "
Hagerstown	11.78	10.00	**11.41**	2.50	**3.59**	5.00	**1.91**	1.58	69.73	C.
Hagerstown	11.23	10.00	**11.06**	2.50	**2.75**	5.00	**2.54**	1.60	70.82	As declared on sack
Alesia.....	10.30	10.00	**11.50**	2.50	**2.70**	5.00	**2.79**	1.59	71.12	" "
Providence.....	7.21	41.00	**42.12**	6.00	**8.07**	15.00	**7.80**	6.26	28.54	As declared on sack
Baltimore.....	6.16	41.00	**40.37**	6.00	**8.61**	15.00	**8.07**	6.33	30.46	" "

A—Ingredients, fat and fibre guarantee on sack differ from license.
B—Ingredients on sack differ from license.
C—Also detected buckwheat and barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Swift & Company, Chicago, Ill.	Fifty-Five Meat Scraps
" " "	Meat and Bone Scraps
" " "	Meat and Bone Scraps
" " "	Laymore Meat and Bone Scraps
Taneytown Grain & Supply Company, Taneytown, Md.	Taney Laying Mash
	Taney Pig and Hog Feed
Thomas & Company, Frederick, Md.	Victory Dairy Feed
" " "	Dairy Feed
Three Minute Cereals Co., Cedar Rapids, Iowa.	‡Red-3 Feeding Oatmeal
	‡Red-3 Reground Oat Hulls
J. T. Towson & Son, Smithsburg, Md.	‡Laying Mash
" " "	‡*Hog Feed
Unique Milling Co., Friendsville, Md.	Pure Buckwheat Middlings
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
United Mills Co., Inc., Grafton, Ohio.	Wheat Bran
Universal By-Prod. Co., San Francisco, Cal.	"22" Pure Dried Buttermilk
Van Iderstine Co., Long Island City, N. Y.	Vico High Protein Meat Scraps for Poultry
" " "	Vico High Protein Meat Scraps for Poultry
" " "	Vico Quality Meat Scraps for Poultry
" " "	Vico Quality Meat Scraps for Poultry
" " "	Vico Pure Meat and Bone Scraps for Poultry
" " "	Vico Pure Meat and Bone Scraps for Poultry
Vitality Mills, Inc., Chicago, Ill.	"32" Dairy Feed
" " "	‡Circle Bee Dairy Feed
" " "	‡Record Maker Dairy Feed
" " "	C-Er-Pay Dairy Feed
" " "	‡Sweet Honey Bee Dairy Feed
" " "	‡Acto 16% Sweet Dairy Feed
" " "	‡Egg-A-Day Dry Mash
" " "	‡Sunflower Egg Mash
" " "	‡True Value Egg Mash, with BM
" " "	‡*C-Em-Grow Calf Meal
" " "	‡Honey Bee Horse Feed
" " "	‡Sugared Velvet Stock Feed
" " "	‡C-Em-Grow Pig and Hog Meal
" " "	‡Pig Meal
" " "	‡Baby Chick Starter
" " "	‡Circle Bee Chick Starter
" " "	‡National Scratch Feed
" " "	‡True Value Scratch Feed
J. E. Walter, Parkton, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings

* Means deficient in protein or fat.
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein Guaranteed	Protein Found	Fat Guaranteed	Fat Found	Fibre Guaranteed	Fibre Found	Ash	Nitrogen Free Extract	Ingredients
Baltimore.....	9.06	55.00	**55.02**	6.00	**11.67**	3.00	**2.87**	21.17	.21	As declared on sack
Baltimore.....	6.96	50.00	**51.86**	6.00	**12.47**	3.00	**2.63**	25.90	.18	" "
Germantown.....	6.85	50.00	**51.25**	6.00	**13.08**	3.00	**2.57**	23.62	2.63	A.
Hagerstown	5.79	45.00	**48.70**	6.00	**11.41**	3.00	**1.65**	30.70	1.75	As declared on sack
Taneytown.....	8.39	18.00	**19.13**	4.50	**5.78**	6.75	**7.37**	11.90	47.43	As declared on sack
Taneytown.....	10.70	16.50	**17.32**	4.25	**5.07**	6.75	**7.64**	6.23	53.04	" "
Frederick.....	10.89	24.00	**25.14**	4.00	**4.09**	11.00	**9.25**	9.66	40.97	As declared on sack
Frederick.....	11.96	16.50	**18.12**	3.00	**4.86**	11.00	**10.43**	10.50	44.13	" "
Cambridge.....	8.27	14.50	**15.80**	5.00	**4.92**	3.90	**3.19**	2.30	65.52	As declared on sack
Cambridge.....	11.82	3.50	**3.98**	1.25	**.90**	32.50	**28.44**	7.59	47.27	" "
Smithsburg.....	9.57	20.00	**20.53**	4.00	**4.21**	9.00	**6.61**	11.00	48.08	As declared on sack
Smithsburg.....	11.11	15.00	**15.01**	4.50	**3.37**	9.00	**5.28**	8.74	56.49	" "
Friendsville.....	11.25	31.46	**35.19**	7.76	**8.78**	7.93	**5.87**	5.20	33.71	As declared on sack
Friendsville.....	9.87	14.74	**15.09**	4.25	**4.04**	9.31	**8.96**	6.16	55.88	" "
Friendsville.....	11.14	14.04	**15.09**	4.58	**4.19**	4.11	**4.76**	3.30	61.52	" "
Hampstead.....	9.70	15.00	**15.01**	4.00	**4.32**	10.00	**9.37**	6.70	54.90	B.
Baltimore.....	6.85	32.00	**34.66**	2.00	x**3.18**	.....	.....	8.40	.....	As declared on sack
Westminster.....	7.84	55.00	**55.81**	5.00	**10.27**	3.00	**3.42**	22.51	.15	As declared on sack
Keymar.....	6.42	55.00	**56.95**	5.00	**9.86**	3.00	**3.71**	22.80	.26	" "
Easton.....	6.19	50.00	**51.60**	5.00	**10.29**	3.00	**3.34**	28.33	.25	" "
Keymar.....	6.07	50.00	**52.04**	5.00	**11.11**	3.00	**3.16**	25.20	2.42	C.
Westminster.....	7.57	45.00	**48.00**	5.00	**9.73**	3.00	**3.33**	30.17	1.20	As declared on sack
Taneytown.....	6.09	45.00	**48.09**	5.00	**10.68**	3.00	**3.29**	29.22	2.63	" "
Fallston.....	8.75	32.00	**34.82**	5.00	**5.05**	10.00	**9.67**	6.70	35.01	As declared on sack
Hancock.....	10.09	24.00	**25.12**	4.00	**3.97**	11.00	**10.36**	9.57	40.89	" "
Cumberland.....	10.40	24.00	**25.86**	4.50	**4.63**	12.00	**10.18**	7.26	41.67	" "
Fallston.....	10.04	22.00	**22.60**	4.00	**4.54**	11.00	**11.14**	10.10	41.58	" "
Hancock.....	10.19	16.00	**18.52**	4.00	**4.36**	12.00	**11.28**	10.44	45.21	" "
Cumberland.....	12.12	16.00	**18.44**	4.00	**4.87**	12.00	**11.84**	10.70	42.03	D.
Hancock.....	10.55	20.00	**21.40**	4.50	**5.34**	7.00	**6.75**	10.82	45.14	As declared on sack
Hancock.....	11.43	20.00	**20.18**	4.50	**4.94**	8.00	**6.88**	9.22	47.35	" "
Cumberland.....	9.87	20.00	**20.27**	5.00	**4.55**	7.50	**5.62**	9.87	49.82	" "
Hancock.....	9.23	25.00	**25.71**	5.00	**4.33**	6.50	**5.67**	6.18	48.88	" "
Hancock.....	10.51	9.00	**10.72**	3.00	**3.09**	10.00	**6.22**	3.74	65.72	" "
Hancock.....	12.42	8.00	**11.63**	3.00	**3.32**	12.00	**9.75**	6.24	56.64	" "
Hancock.....	12.45	18.00	**16.60**	3.50	**4.39**	8.00	**6.71**	7.36	52.49	" "
Cumberland.....	11.38	18.00	**19.28**	3.50	**4.63**	7.00	**6.61**	7.30	50.80	" "
Hancock.....	12.09	16.00	**16.48**	4.00	**4.93**	5.00	**4.31**	6.64	55.55	" "
Hancock.....	10.82	14.50	**17.47**	4.00	**4.80**	5.00	**4.10**	8.30	54.51	" "
Cumberland.....	11.62	9.00	**13.16**	2.25	**2.60**	5.00	**3.73**	1.60	67.29	" "
Cumberland.....	11.05	10.00	**12.37**	2.50	**3.25**	5.00	**2.59**	1.51	69.23	" "
Parkton.....	10.45	15.00	**14.22**	4.00	**3.61**	8.10	**6.93**	4.67	60.12	As declared on sack
Parkton.....	11.05	15.60	**13.60**	4.00	**3.56**	4.60	**2.97**	2.27	66.55	" "

A—Also detected an excessive amount of hair.
B—Also detected a small quantity screenings and/or scourings.
C—Also detected an appreciable amount of hair.
D—Also detected whole weed seeds.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
A. E. Warren, Snow Hill Md.	Special Laying Mash
" " "	*Special Laying Mash
Warwick Company, Massillon, Ohio.	‡Pure Wheat Bran
C. B. Watkins & Co., Baltimore, Md.	Foxhall Laying Mash
" " "	Foxhall Hog Feed
" " "	Peerless Chick Mash
Weigel Bros., Oxford, Pa.	‡*Soft Winter Wheat Middlings
R. C. Wells & Co., Baltimore, Md.	Victor Scratch Grains
W. W. Welsh, Baltimore, Md.	Peanut Oil Meal
F. S. Wertz & Son, Reading, Pa.	‡Faramel Horse Feed
Western Run Mill, Cockeysville, Md.	‡Pure Wheat Bran
" " "	‡*Pure Wheat Middlings
Westover Mills, Westover, Md.	Perfection Scratch Feed
D. S. Weybright, Thurmont, Md.	Laying Mash
Wheatena Corp., Highspire, Pa.	Winter Wheat Bran M. R. S.
Wheeler Supply Co., Glyndon, Md.	Special Lay Mash
" " "	Glyco Starter
Wilkins-Rogers Milling Co., Wash., D. C.	Grassy Mead 26% Dairy Feed
" " "	Washington, Egg Mash
" " "	Md. University 1928 Contest Egg Mash Formula
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Washington Scratch Feed
" " "	Washington Scratch Feed
W. B. Wright & Son, White Hall, Md.	‡Laying Mash
York Roller Mills Co., York, Pa.	Pure Wheat Bran

*** Means deficient in protein or fat.**
‡ Not licensed at time of sale.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Snow Hill.....	9.88	20.00	**19.92**	4.50	**4.46**	7.00	**5.84**	8.80	51.10	As declared on sack
Snow Hill.....	9.94	20.00	**18.96**	4.50	**5.02**	7.00	**5.32**	8.34	52.42	" "
Centreville.....	9.10	14.00	**14.92**	2.75	**3.95**	10.00	**10.53**	7.10	54.40	As declared on sack
Baltimore.....	8.09	20.13	**21.94**	4.85	**4.65**	8.25	**9.51**	10.38	45.43	As declared on sack
Baltimore.....	9.26	15.25	**17.72**	2.98	**4.88**	7.33	**8.26**	9.46	50.42	" "
Baltimore.....	9.69	13.50	**13.78**	3.75	**3.53**	8.25	**9.44**	11.73	51.83	" "
Rising Sun.....	11.18	14.00	**13.39**	4.00	**3.42**	8.00	**5.35**	3.67	62.99	As declared on sack
Baltimore.....	12.97	10.00	**11.93**	2.50	**2.45**	5.00	**2.87**	2.36	67.42	As declared on sack
Cambridge.....	4.65	45.00	**45.90**	6.00	**8.17**	10.00	**11.69**	7.30	22.29	As declared on sack
Baltimore.....	7.99	9.00	**11.40**	3.00	**3.74**	8.00	**8.76**	3.85	64.26	As declared on sack
Cockeysville.....	11.90	14.00	**13.16**	3.50	**3.76**	9.00	**3.84**	5.67	61.67	As declared on sack
Cockeysville.....	11.80	14.00	**12.46**	3.50	**3.13**	6.00	**2.06**	1.87	68.68	" "
Westover.....	12.84	9.00	**10.18**	2.50	**2.64**	5.00	**2.36**	1.86	70.12	As declared on sack
Thurmont.....	11.62	20.00	**21.41**	4.00	**4.52**	12.00	**9.79**	9.06	52.02	As declared on sack
Smithsburg.....	8.89	13.00	**13.78**	3.00	**4.06**	11.00	**8.30**	6.40	58.57	As declared on sack
Glyndon.....	8.54	20.00	**22.90**	4.50	**5.09**	7.00	**9.61**	8.66	45.20	As declared on sack
Glyndon.....	9.58	18.50	**19.83**	5.50	**5.78**	7.00	**7.48**	6.17	51.16	" "
Rockville.....	8.95	26.00	**25.97**	5.00	**5.49**	9.00	**8.18**	7.65	43.76	As declared on sack
Rockville.....	9.30	22.00	**23.52**	5.00	**6.33**	8.00	**4.90**	13.62	42.33	" "
Silver Hill.....	9.68	20.00	**20.80**	5.00	**7.13**	7.00	**6.25**	9.14	47.00	" "
Rockville.....	10.35	14.00	**14.04**	4.00	**4.30**	9.00	**8.87**	6.75	55.69	" "
Rockville.....	11.98	15.50	**15.71**	4.00	**4.47**	7.00	**3.89**	3.54	60.41	" "
Silver Hill.....	12.23	10.00	**10.71**	2.50	**3.18**	4.00	**2.43**	1.82	69.63	A.
Rockville.....	12.13	10.00	**10.53**	2.50	**2.46**	4.00	**2.36**	2.06	70.46	A.
White Hall.....	9.08	18.00	**19.22**	4.00	**4.17**	11.00	**10.83**	9.24	47.46	As declared on sack
Denton.....	10.80	13.00	**15.09**	4.40	**4.44**	9.80	**8.27**	6.66	54.74	As declared on sack

A—Unable to detect milo maize.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills, Inc., Chicago, Ill.	Wayne Dog Ration
Battle Creek Dog Food Company, Battle Creek, Mich.	Miller's A-1 Kibbled Biscuit Miller's A-1 Ration
Champion Animal Food Co., Minneapolis, Minn.	Dog Buiscuit Kibbled Dog Food
Dietrich & Gambrill, Inc., Frederick, Md.	‡Broken Dog Biscuit
Kennel Food Supply Co., Fairfield, Conn. " " " " " "	K. F. S. Biscuits ‡Plain Biscuits Cero-Meato
Old Mother Hubbard Dog Food Co., Gloucester, Mass.	Dog Cakes
Old Trusty Dog Food Co., Needham Heights, Mass. " " " " " "	Tit Bits Puppy Cakes Puppy Meal All Terrier Food
Perfection Foods Co., Battle Creek, Mich.	‡Dog Food
Pratt Food Co., Hammond, Ind. " " "	‡Improved Kibbled Biscuit ‡Improved Dog Biscuit
Ralston Purina Co., St. Louis, Mo.	Purina Dog Chow

‡ Not licensed at time of sale.

MANUFACTURER AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md. " " "	Oberco Mineral Mixture Oberco Mineral Mixture
International Agric. Corp., New York, N.Y.	Fos-For-Us
Montgomery Ward & Co., Balto., Md. " " " " " "	Pilgrim Mineral Pilgrim Mineral Pilgrim Sheep Mineral

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Oakland.....	7.23	11.50	**10.88**	1.50	**1.94**	1.30	**1.49**	4.40	74.06	As decl'd on package
Baltimore.....	10.04	13.00	**19.04**	1.30	**.60**	1.30	**.74**	3.55	66.03	As decl'd on package
Bel Air.....	6.97	11.50	**14.48**	1.70	**1.53**	1.30	**1.62**	5.05	70.35	A. As decl'd on pack.
Baltimore.....	8.57	20.50	**22.82**	4.80	**6.04**	4.00	**3.19**	4.74	54.64	B.
Baltimore.....	6.89	20.50	**23.34**	4.80	**5.25**	4.00	**3.06**	4.46	57.00	B.
Baltimore.....	7.67	18.00	**20.45**	2.50	**1.84**	2.00	**1.84**	6.41	61.79	B.
Baltimore.....	8.34	21.11	**23.34**	1.20	**1.16**	1.18	**.91**	6.15	60.10	As decl'd on package
Baltimore.....	8.08	18.81	**16.50**	3.98	**1.51**	3.18	**2.85**	2.36	68.70	" "
Baltimore.....	8.08	17.91	**17.90**	2.56	**2.07**	2.14	**2.53**	4.55	64.87	" "
Baltimore.....	6.89	21.00	**26.06**	1.67	**1.08**	.99	**1.16**	5.82	58.99	As decl'd on package
Baltimore.....	9.77	18.81	**20.53**	1.35	**1.03**	.53	**.83**	2.60	65.24	As decl'd on package
Baltimore.....	8.78	18.82	**23.08**	1.41	**1.33**	.54	**.89**	4.44	61.48	" "
Baltimore.....	8.67	18.82	**21.59**	1.41	**.90**	.54	**1.00**	3.36	64.39	" "
Baltimore.....	8.69	18.82	**20.88**	1.41	**.88**	.62	**.90**	1.77	66.	" "
Baltimore.....	6.51	15.00	**15.45**	1.00	**2.20**	5.00	**4.84**	4.56	66.44	B.
Baltimore.....	6.77	14.00	**18.87**	1.70	**1.95**	1.30	**.60**	5.10	66.71	As decl'd on package
Baltimore.....	7.27	14.00	**18.52**	1.70	**1.65**	1.30	**.57**	4.94	67.05	" "
Baltimore.....	8.57	20.00	**22.38**	3.00	**3.84**	4.00	**2.03**	6.47	56.71	As decl'd on package

A—Fat and fibre guarantee on sack differ from license.
B—Ingredients on package differ from license.

Sampled From	Calcium Oxide		Phosphorus P_2O_5		Salt		Iodine		Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	
Middleburg.....	8.00	**43.05**	20.00	**21.70**	.....	.....	.....	.....	
Maryland Line.....	8.00	**43.16**	20.00	**21.50**	.....	.....	.....	.....	
Princess Anne.....	.....	.....	10.07	**10.07**	.....	.....	.....	.....	
Baltimore.....	14.00	**44.97**	8.00	**13.70**	5.00	**8.91**	.001	**.003**	
Baltimore.....	14.00	**40.55**	8.00	**13.70**	5.00	**19.80**	.001	**.002**	
Baltimore.....	8.00	**40.60**	4.50	**7.70**	24.00	**17.98**	.001	**.005**	

LIME INSPECTION ACTIVITIES

The lime inspection law of Maryland requires that all liming materials offered for sale shall be registered with this organization. It also provides that the net weight, brand name, guaranteed analysis and name and address of the manufacturer shall appear on each package. When shipped in bulk, a card containing this information shall accompany the shipment.

The duties of this department, as outlined in the statute, consists in the registration of brands to be offered for sale, the inspection of methods of labeling, the collection and analysis of official samples, the publication of the results obtained and prosecution of those parties found responsible for violation of the law.

In accordance with these provisions, representatives of this department secured 102 official samples consisting of 26 burnt limes (oxides), 52 hydrated limes, 16 limestone, shell and marl, six gypsum or land plaster and one miscellaneous.

To establish the correctness of the guarantees, these samples were subjected to chemical examinations for the purpose of determining the amount of calcium oxide, magnesium oxide and acid insoluble material present. Examinations were also made upon ground limestones and ground oyster shells to determine the degree of fineness of grinding.

In addition to the chemical examination of official samples, 22 other determinations were made gratuitously on samples forwarded by residents of the State. These results are not included in our official reports. In this connection it should be borne in mind that this department cannot perform work in such volume or with such frequency as to exercise a systematic control over purchases.

It is indeed gratifying to note that only seven per cent. of the products analyzed were found to be more than 1 per cent. deficient in total oxides. As soon as these deficiencies were brought to manufacturer's attention corrective measures were immediately initiated.

TABLES

Pages 84 to 88 contain a detailed report of the results obtained in the regulation of the sale of limes in this State from January 1, 1931, to May 1, 1931. Limes are considered deficient with respect to chemical analysis when they are 1 per cent. or more deficient in total oxides.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no Val.)	Total Oxides CaO+MgO
				Found	Guaranteed	Found	Guaranteed	Found	
2518	S. W. Barrick & Sons, Inc., Woodsboro, Md..	H. G. Agricultural Lime....	Woodsboro....	**76.94**	75.	**5.02**	5.00	**10.49**	**81.96**
*2519	S. W. Barrick & Sons, Inc., Woodsboro, Md..	Agricultural Lump Lime ...	Woodsboro....	**85.23**	85.	**1.77**	5.00	**10.24**	**87.00**
2452	S. W Barrick & Sons, Inc., Woodsboro, Md..	Agricultural Lump Lime ...	Woodsboro....	**87.53**	85.	**3.83**	5.00	**2.96**	**91.36**
2451	S. W. Barrick & Sons, Inc., Woodsboro, Md..	Pulverized Quick Lime	Woodsboro....	**69.89**	65.00	**5.23**	5.00	**14.03**	**75.12**
*2505	Bear Creek Lime Kiln, Friendsville, Md.....	Ground Burned Lime.....	Friendsville....	**62.83**	70.00	**2.13**	2.00	**18.16**	**64.96**
2508	Cavetown Planing Mill Co., Cavetown, Md..	Lump Lime.....	Cavetown.....	**72.57**	80.00	**24.29**	2.00	**.53**	**96.86**
2507	Cavetown Planing Mill Co., Cavetown, Md..	Ground Burned Lime.....	Cavetown.....	**69.55**	80.00	**18.24**	2.00	**4.80**	**87.79**
2521	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime.....	Frederick.....	**93.18**	86.00	**5.41**	4.00	**.40**	**98.59**
2442	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime.....	Frederick.....	**90.16**	86.00	**6.55**	4.00	**.72**	**96.71**
2524	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime.....	Frederick.....	**82.54**	75.00	**7.48**	5.00	**6.85**	**90.02**
2441	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime.....	Frederick.....	**80.19**	75.00	**5.30**	5.00	**6.08**	**85.49**
2492	John S Hyde, Westminster, Md.....	Agricultural Lump Lime ...	Westminster...	**87.25**	85.00	**5.86**	5.00	**1.57**	**93.11**
2509	Keystone Lime Co., Salisbury, Pa.	Alfalfa Brand Gran. Lime..	Accident.....	**64.85**	65.00	**3.89**	3.00	**14.88**	**68.74**
2523	LeGore Lime Co., LeGore, Md.....	Ground Burnt Lime.....	LeGore	**77.84**	75.00	**6.02**	5.00	**8.21**	**83.86**
2506	Marshall Porter, Cresaptown, Md.	Lump Lime.....	Cresaptown....	**89.15**	70.00	**4.18**	13.00	**.73**	**93.33**
2522	Shank & Etzler Lime Co., Frederick, Md....	Agricultural Lump Lime ...	Frederick.....	**62.94**	60.00	**35.01**	30.00	**.35**	**97.95**
2437	Shank & Etzler Lime Co., Frederick, Md....	Agricultural Lump Lime ...	Frederick.....	**64.68**	60.00	**32.48**	30.00	**.14**	**97.16**
2526	Shank & Etzler Lime Co., Frederick, Md....	Ground Burned Lime.....	Frederick.....	**50.62**	55.00	**31.69**	25.00	**12.22**	**82.31**
2493	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Lump Lime.....	Spahr.....	**55.89**	60.00	**35.46**	25.00	**4.99**	**91.35**
2445	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Lump Lime.....	Thurmont.....	**52.70**	60.00	**37.24**	25.00	**1.03**	**89.94**
2494	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Ground Burnt Li'e	Spahr.....	**50.06**	60.00	**35.81**	25.00	**7.20**	**85.87**
2393	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Ground Lime.....	Sykesville.....	**66.25**	55.00	**21.68**	30.00	**5.22**	**87.93**
2520	Stoner & Powell, Woodsboro, Md.....	Old Reliable Fountain Rock Lump Lime.....	Woodsboro....	**93.95**	85.00	**4.34**	2.00	**.64**	**98.29**
2455	Stoner & Powell, Woodsboro, Md.....	Old Reliable Fountain Rock Lump Lime	Woodsboro	**85.13**	85.00	**11.52**	2.00		

		Rock Lump Lime	Woodsboro	**93.95**	85.00	**4.34**	2.00	**.64**	**98.29**
2455	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Lump Lime	Woodsboro	**85.12**	85.00	**11.52**	2.00	**.39**	**96.64**
*2525	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Gr. Burnt Lime	Woodsboro	**69.33**	75.00	**8.44**	8.00	**13.99**	**77.77**
2481	Washington Bldg. Lime Co., Balto., Md.	Ground Lime	Gaithersburg	**90.38**	90.00	**1.78**	2.00	**1.13**	**92.16**

ANALYSES OF AGRICULTURAL HYDRATED LIME

2532	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agric. Hydrated Lime	Woodsboro	**60.03**	60.00	**4.72**	5.00	**10.24**	**64.75**
2489	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Boring	**60.37**	60.00	**4.58**	5.00	**10.25**	**64.95**
2471	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Mard'a Springs	**60.48**	60.00	**4.35**	5.00	**11.77**	**64.83**
2450	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	**61.04**	60.00	**3.97**	5.00	**10.67**	**65.01**
2414	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Centreville	**60.48**	60.00	**3.62**	5.00	**6.32**	**64.10**
2470	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Salisbury	**66.75**	67.00	**2.51**	2.00	**6.15**	**69.26**
2415	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Salisbury	**71.88**	67.00	**2.03**	2.00	**3.04**	**73.91**
2401	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Salisbury	**69.89**	67.00	**1.38**	2.00	**2.76**	**71.27**
2396	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Laurel	**69.89**	67.00	**1.45**	2.00	**2.64**	**71.34**
2527	Chemical Lime Co., Bellefonte, Pa.	Clover Br. The Famous "Kno Kore" Agric. Lime	Baltimore	**74.14**	69.00	**1.16**	1.00	**.20**	**75.30**
2512	Central Chem. Co., Inc., Hagerstown, Md.	"Gro-All" Hydrated Lime	Hancock	**71.57**	70.00	**1.89**	2.00	**.16**	**73.46**
2535	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	**64.74**	65.00	**6.70**	5.00	**3.78**	**71.44**
2511	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Friendsville	**72.58**	65.00	**1.10**	5.00	**.17**	**73.68**
2487	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Laurel	**72.13**	65.00	**.82**	5.00	**.16**	**72.95**
2483	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Silver Spring	**73.36**	65.00	**.96**	5.00	**.27**	**74.32**
2476	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Aiken	**72.46**	65.00	**.93**	5.00	**.27**	**73.39**
2443	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	**64.17**	65.00	**7.64**	5.00	**2.50**	**71.81**
2397	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Laurel	**74.14**	65.00	**1.08**	5.00	**.15**	**75.22**
2539	LeGore Lime Co., LeGore, Md.	Hydrated Lime	Baltimore	**62.94**	60.00	**6.12**	5.00	**6.44**	**69.06**
2530	LeGore Lime Co., LeGore, Md.	Hydrated Lime	LeGore	**68.21**	60.00	**4.91**	5.00	**1.43**	**73.12**
2491	LeGore Lime Co., LeGore, Md.	Hydrated Lime	Westminster	**62.05**	60.00	**5.98**	5.00	**6.41**	**68.03**
2453	LeGore Lime Co., LeGore, Md.	Hydrated Lime	LeGore	**63.06**	60.00	**4.96**	5.00	**8.10**	**68.02**
2510	North Amer. Cement Corp., Hagerst'n, Md.	Berkeley Hydrated Lime	Big Spring	**71.46**	70.00	**2.15**	2.00	**.15**	**73.61**
2486	North Amer. Cement Corp., Hagerst'n, Md.	Berkeley Hydrated Lime	Rockville	**70.56**	70.00	**2.07**	2.00	**.17**	**72.63**
2485	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime	Waldorf	**40.77**	45.00	**25.85**	20.00	**10.07**	**66.62**

*** Indicates product deficient in total oxides.**

ANALYSES OF AGRICULTURAL HYDRATED LIME

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no Val.)	Total Oxides CaO+MgO
				Found	Guaranteed	Found	Guaranteed	Found	
2534	Shank & Etzler Lime Co., Frederick, Md....	Hydrated Lime.....	Frederick.....	42.24	45.00	26.77	20.00	9.32	69.01
2438	Shank & Etzler Lime Co., Frederick, Md....	Hydrated Lime.....	Frederick.....	45.02	45.00	27.35	20.00	6.59	72.37
2495	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Spahr.....	42.78	50.00	29.74	15.00	4.40	72.52
*2472	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Cambridge....	40.65	50.00	27.82	20.00	6.98	68.47
2465	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Catonsville....	42.39	50.00	29.46	20.00	6.92	71.85
*2464	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Owings Mills ..	39.28	50.00	27.54	20.00	6.03	66.82
2448	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Up'r Marlboro.	41.44	50.00	28.77	20.00	6.68	70.21
*2446	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime ...	Thurmont.....	38.81	50.00	26.94	20.00	10.01	65.75
2528	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Hagerstown ...	71.34	67.00	2.57	5.00	.61	73.91
2502	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Denton.....	70.89	67.00	1.92	5.00	1.00	72.81
2498	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Glyndon.....	72.02	67.00	2.52	5.00	.30	74.54
2497	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Fowblesburg...	72.35	67.00	2.50	5.00	.34	74.85
2496	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Westminster...	70.89	67.00	2.66	5.00	.66	73.55
2477	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Rising Sun....	71.68	67.00	2.35	5.00	.24	74.03
2449	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Owings Mills ..	70.89	67.00	1.53	5.00	.17	72.42
2439	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Taneytown....	71.91	67.00	2.60	5.00	.22	74.51
2403	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Street.....	73.02	67.00	1.88	5.00	.04	74.90
2402	Steacy & Wilton Co., Wrightsville, Pa.....	"Sterling" Br. Hydr'd Lime	Denton.....	72.80	67.00	2.17	5.00	.52	74.97
2533	Stoner & Powell, Woodsboro, Md.....	Old Reliable Fountain Rock Hydrated Lime....	Woodsboro....	52.64	60.00	8.82	2.00	12.01	61.46
2454	Stoner & Powell, Woodsboro, Md.....	Old Reliable Fountain Rock Hydrated Lime....	Woodsboro....	56.11	60.00	8.06	2.00	7.67	64.17
*2542	Superior Lime Co., York, Pa.....	Superior Brand Lime.....	Baltimore.....	65.29	65.00	2.44	5.00	.12	67.73
2499	Univ. Gypsum & Lime Co., Chicago, Ill.....	Palmer Hydrated Lime	Taneytown....	71.57	68.00	1.75	2.50	.27	73.32
2469	Warner Company, Philadelphia, Pa.....	Knickerbocker Hydr'd Lime	Salisbury.....	46.82	46.50	31.18	31.00	.58	78.00
2504	Warner Company, Philadelphia, Pa.....	Limoid (Hydrated Lime)...	Preston.....	47.37	46.50	32.53	31.00	1.27	79.90
2468	Warner Company, Philadelphia, Pa.....	Limoid Garden and Lawn..	Westover.....	42.51	44.00	30.66	29.00	2.46	73.17
2514	Washington Bldg. Lime Co., Balto., Md.....	Standard Hydrated Lime...	Cumberland...	72.69	70.00	1.27	2.00	.74	73.96
2482	Washington Bldg. Lime Co., Balto., Md.....	Standard Hydrated Lime...	Gaithersburg ..	72.24	70.00	1.12	2.00	.94	73.36

* Indicates product deficient in total oxides.

2514	Washington Bldg. Lime Co., Balto., Md.	Standard Hydrated Lime	Westover	42.51	44.00	30.66	29.00	2.46	73.17
2482	Washington Bldg. Lime Co., Balto., Md.	Standard Hydrated Lime	Cumberland	72.69	70.00	1.27	2.00	.74	73.96
			Gaithersburg	72.24	70.00	1.12	2.00	.94	73.36

* Indicates product deficient in total oxides.

ANALYSES OF AGRICULTURAL LIMESTONE, MARL, AND OYSTER SHELLS

2516	Alba Marl Lime Co., Charles Town, W. Va.	Alba Marl	Sykesville	52.53	50.00	.63	.50	2.72	53.16
2515	Alba Marl Lime Co., Charles Town, W. Va.	Alba Marl	Cumberland	53.18	50.00	.62	.50	1.80	53.80
2490	J. E. Baker Co., York, Pa.	†Ground Lime Stone	New Windsor	44.69	48.00	8.79	1.00	2.49	53.48
2416	Herbert Bryant's Son, Alexandria, Va.	†Pulv. Oyster Shell Lime	Crisfield	47.71	45.00	.44	.....	8.04	48.15
2501	Dorchester Shell & Lime Company, Cambridge, Md.	†Roasted Pulverized Oyster Shell Lime	Cambridge	45.58	40.00	.75	.60	8.75	46.33
2417	Dorchester Shell & Lime Company, Cambridge, Md.	†Roasted Pulverized Oyster Shell Lime	Cambridge	47.28	40.00	.48	.60	6.64	47.76
2536	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	53.43	50.00	1.08	.....	1.59	54.51
2440	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	52.30	50.00	1.18	.....	2.39	53.48
2405	Natural Lime-Marl Co., Roanoke, Va.	Lime-Marl	Perryman	51.74	50.00	.53	.50	2.92	52.27
2484	Potomac Poultry Food Co., Inc., Baltimore, Md.	†Potolime Oyster Shell Lime	Gaithersburg	46.25	46.00	.51	.50	9.97	46.76
2418	Potomac Poultry Food Co., Inc., Baltimore, Md.	†Potolime Oysrer Shell Lime	Crisfield	46.25	46.00	.55	.50	12.96	46.80
2444	H. M. Spahr L'e & Stone Co., Thurm't, Md.	†Calimag Limestone Flour	Thurmont	30.13	30.00	21.09	20.00	3.13	51.22
2546	Stand. Lime & Stone Co., Balto., Md.	†Pulverized Dolomite	Baltimore	30.91	30.93	22.12	21.07	.96	53.03
2529	Stand. Lime & Stone Co., Balto., Md.	†Pulverized Limestone	Frederick	53.53	53.20	1.47	.50	2.14	55.00
2467	Stand. Lime & Stone Co., Balto., Md.	†Pulverized Limestone	Sykesville	53.53	53.20	1.33	.50	1.29	54.86
2513	Washington Bldg. Lime Co., Balto., Md.	†Pulverized Limestone	Grantsville	53.44	53.20	.95	.50	.55	54.39
2404	Washington Bldg. Lime Co., Balto., Md.	†Pulverized Limestone	Providence	54.00	53.20	.42	.50	.08	54.42

ANALYSES OF MISCELLANEOUS PRODUCTS

2531	LeGore Lime Co., LeGore, Md.	All-in-One Agric. Lime	LeGore	53.65	45.00	3.65	5.00	6.94	57.30

* Indicates product deficient in total oxides.
† Ground Shell or Stone, Mechanical Analyses on page 88.

ANALYSES OF GYPSUM OR LAND PLASTER

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Sulphate		Sand and Insol. (no value) Found
				Found	Guaranteed	
2537	Baugh & Sons Co., Baltimore, Md.	Pure Ground Land Plaster	Baltimore	**87.20**	77.70	**1.14**
2447	Baugh & Sons Co., Baltimore, Md.	Pure Ground Land Plaster	Waterbury	**89.17**	77.70	**.73**
2538	G. Ober & Sons Co., Baltimore, Md.	Nova Scotia Land Plaster	Baltimore	**87.56**	77.70	**.24**
2427	G. Ober & Sons Co., Baltimore, Md.	Nova Scotia Land Plaster	Baltimore	**91.44**	77.70	**1.12**
2503	Swift & Co., Baltimore, Md.	Land Plaster	Annapolis	**72.09**	72.84	**2.27**
2466	United States Gypsum Co., Chicago, Ill.	Ben Franklin Agric. Gyp'm	Sykesville	**71.75**	64.50	**1.65**

TABLE II—SHOWING MECHANICAL ANALYSIS OF GROUND LIMESTONE AND GROUND OYSTER SHELLS.

For the Chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used: "20 Mesh" has 20 wires to the inch.

No.	Name of Manufacturer	Name of Lime or Kind	Finer than 100 Mesh	Between 80 & 100 Mesh	Between 60 & 80 Mesh	Between 40 & 60 Mesh	Between 20 & 40 Mesh	Courser than 20 Mesh
2490	J. E. Baker Company, York, Pa.	Ground Lime Stone	59	4	2	10	25	0
2416	Herbert Bryant's Son, Alexandria, Va.	Pulverized Oyster Shell Lime	36	5	3	12	30	14
2501	Dorchester Shell & Lime Co., Cambridge, Md.	Roasted Pulv. Oyster Shell Lime	54	5	3	13	24	1
2417	Dorchester Shell & Lime Co., Cambridge, Md.	Roasted Pulv. Oyster Shell Lime	50	2	1	8	31	8
2536	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Pulverized Limestone	48	9	2	24	17	0
2440	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Pulverized Limestone	87	7	1	4	1	0
2484	Potomac Poultry Food Co., Inc., Balto., Md.	Potolime Oyster Shell Lime	49	4	3	14	23	7
2418	Potomac Poultry Food Co., Inc., Balto., Md.	Potolime Oyster Shell Lime	47	5	2	10	31	5
2444	H. M. Spahr Lime & Stone Co., Thurmont, Md.	Calimag Limestone Flour	69	6	2	11	12	0
2546	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Dolomite	49	4	0	10	25	12
2529	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Limestone	93	6	0	1	0	0
2467	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Limestone	95	5	0	0	0	0
2513	Washington Building Lime Co., Balto., Md.	Pulverized Limestone	100	0	0	0	0	0
2404	Washington Building Lime Co., Balto., Md.	Pulverized Limestone	100	0	0	0	0	0